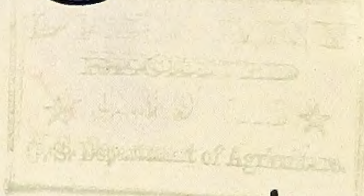


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Do not assume content reflects current scientific knowledge, policies, or practices.

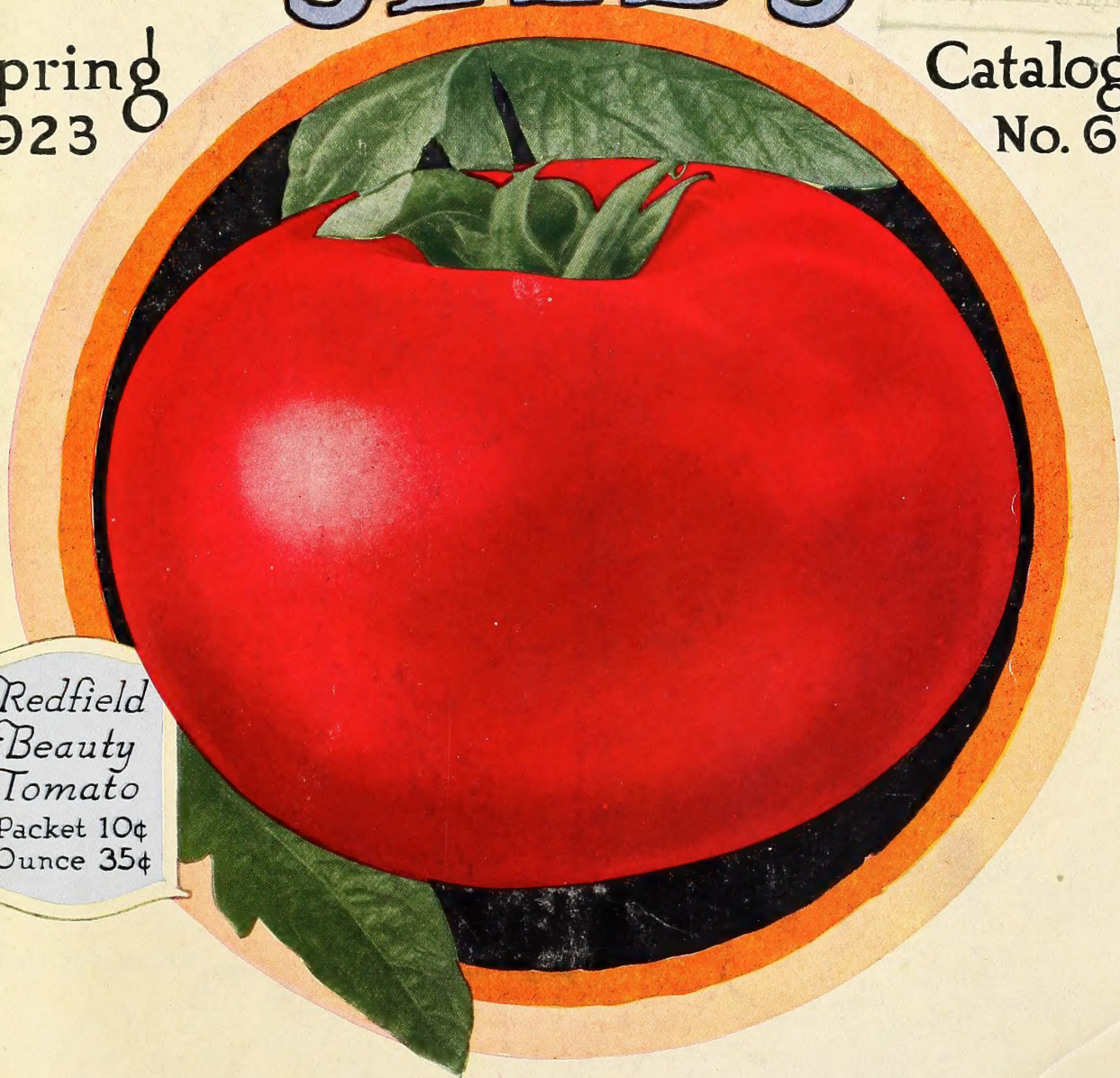
62,19

HASTINGS' SEEDS



Spring
1923


Catalogue
No. 65



*Redfield
Beauty
Tomato*

Packet 10¢
Ounce 35¢

H.G. HASTINGS CO.
ATLANTA GEORGIA

A collage of various flowers including cosmos, everlasting flowers, poppies, and zinnias. The flowers are arranged in a dense, overlapping cluster. The colors range from white and pink to red, orange, and yellow. The background is dark, making the flowers stand out.

MIXED COSMOS

EVERLASTING
FLOWERS

SHIRLEY
POPPIES

MIXED
ZINNIAS

Free Flower Seeds

We believe thoroughly in flowers and will help you get them. With every order from this Catalog before May 1, 1923, to the amount of \$1 or over, not including field seeds or plants, we will send absolutely free one packet each of these illustrated flowers, all beautiful and easily grown: Mixed Cosmos, Mixed Everlasting Flowers, Shirley Poppy, Mixed Zinnias, and Kochia or Mexican Burning Bush.

REMEMBER, THESE ARE FREE!

H. G. HASTINGS CO., Atlanta, Georgia

A circular inset showing a dense, green, bushy plant. The plant is very full and has many small, green leaves. It is growing in a field or garden.

KOCHIA

HASTINGS' SEEDS ORDER SHEET

Please do not write in above space

H. G. Hastings Co., Atlanta, Ga.

(S-23)

PLEASE DO NOT WRITE IN THIS SPACE

Gentlemen:—I am enclosing _____ for the following
seeds to be sent by _____
(State here if wanted by Mail, Express or Freight)

Name _____

(If Mrs., kindly use husband's initials or given name, as Mrs. Sam B. Clark)

P. O. _____

R. F. D. No. _____ Box No. _____ State _____

Express or Freight Office _____

(If different from your Post Office)

BEFORE ORDERING PLEASE READ DIRECTIONS FOR ORDERING IN THIS CATALOGUE ON PAGE 4

	NUMBER IN CATALOG	Quantity	Names of Seeds or Other Articles Wanted	PRICE	
				Dollars	Cents
PLEASE DO NOT WRITE IN THIS SPACE			1 YEAR'S SUBSCRIPTION TO THE SOUTHERN RURALIST ²⁴ NUMBERS 25 CENTS East of Mississippi River, 25 cents; West of Mississippi, 50 cents		

Remember---No order too large or too small to send to HASTINGS'

REAL FARM PROSPERITY AHEAD FOR ALL OF US IF—

Yes, there is a mighty big "if" connected with the situation here in a good part of our southern section. Real farm prosperity is ahead for every one who deserves that prosperity and there is no prosperity ahead for the undeserving.

With cotton from 25 cents per pound upward there are thousands upon thousands of our folks that will go "cotton crazy" again in 1923. For them there is a big bump awaiting around the corner. If the boll weevil doesn't get them the inevitable drop in price that will come from a big crop will.

There is only one way to beat the game and that is to play absolutely safe. The generality of our cotton farmers have in times past proven themselves just as much gamblers at heart as the most hardened gamblers on the New York and New Orleans Cotton Exchanges. The cotton farmer gambles with extra acres of cotton every time the price is up and collectively brings on his own and his fellow farmers' downfall the following fall.

Three times in eleven or twelve years our farmers have brought themselves to bankruptcy or to the verge of bankruptcy by overplanting cotton and underplanting food and grain crops sufficient for home needs at least. The present price of cotton is a great temptation to be resisted. The present price ought to be a danger signal for every cotton farmer, a warning not to plant more acreage than can be properly tended under boll weevil conditions.

The general experience is that from five to six acres per plow is the limit of safety, at least east of the Mississippi River. Those five or six acres should be plowed deep, thoroughly prepared, well fertilized, planted as early as possible in good seed of an early maturing variety and then worked to the limit until the crop is practically made. Where this sort of a method was used we have seen many bale per acre crops this past year right in the heart of the worst weevil infested part of Georgia.

The same thing is being done and has right along in all the cotton growing states, and as much cotton can be made on five or six acres properly tended as used to be made in average years on twelve to fifteen acres before the weevil came. It's a hard lesson for life long cotton growers to learn but the lesson must be learned. Those who learn it will have a degree of prosperity such as they never had before.

No man can get along and buy all his foodstuffs, grain and forage no matter whether the cash crop be cotton, tobacco, corn,

wheat or anything else. The only permanently prosperous farm sections are diversified farming sections, that is, diversified enough to provide food, grain and forage for the farmer, his family, the work stock, the meat and dairy animals and poultry. Under such conditions the "cash crop" is a cash crop instead of a debt crop.

To be prosperous our farmers must live off their own acres instead of off the merchants' shelves in the nearby trading town. Food and grain must be the first consideration instead of last consideration. Hogs, cows, and chickens must be looked on as of real value instead of a side issue. The garden must be given a square deal and kept going all or nearly all the year round, a real garden with a dozen or more kinds of vegetables in it from early spring to winter.

Hundreds of good folks who give their garden a fair chance instead of a "lick and a promise" tell us that the garden gives them from one third to one half their living, cuts down the store bill that much. Don't be afraid to have too much of a garden. You can eat out of it spring, summer and fall and it will fill the shelves with canned and dried vegetables for winter use. Should there by chance be a little unusual surplus the chickens, hogs and cows can make good use of it.

Yes, permanent, every year, all-year-round farm prosperity is just ahead for all of us who will pay the price in honest-to-goodness common sense farm practice; the growing of all or practically all food, grain and forage needed on the farm; the limiting of cotton or other cash crop to what can be properly tended.

This is different from the old hazardous way but it is the only safe way. It is the only way to work out of our present difficulties; the only way to keep out of further difficulties of the same kind. It is the only way to keep the price of cotton up to a point that means a real profit to the farmer who grows it.

The farmer who is willing to tackle this situation with brain and muscle and a determination to make good; the man who will fertilize and work his crops with brain as well as muscle has a brighter future before him than ever before. To the lazy, the incompetent, the ones not willing to pay the price in intelligent, well directed effort and common sense methods there is no prosperity ahead, here or anywhere.

There is real farm prosperity ahead for all of us if we are willing to pay the price in 1923. Are you willing to pay the price? The old ways are done forever.

Alphabetical Index Showing Page for Catalogue Reference

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So far as possible, in making up this catalog, we arranged the vegetables, flowers, bulbs, and plants in alphabetical order.

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UNITED STATES PARCEL POST ZONE RATES

WE PAY THE POSTAGE

On all seeds in this catalog listed in packet, half ounce, ounce, quarter pound, pound and two-pound quantities, we pay the postage. On all seed, plant and bulb collections we pay the postage. We pay the postage on plants and bulbs except in larger quantities where a "not prepaid" price is named.

YOU PAY THE POSTAGE

When you order five pounds or more of any kind of seeds at "Not Prepaid" prices stated in the catalog, you pay the postage, express or freight. The same applies to quantity lots of bulbs and plants listed at "Not Prepaid" prices.

When you order seeds in 5 or 10 pound lots or over at "Not Prepaid" prices you can have the seeds sent to you by parcel post, express or freight but you must pay the transportation charges. Where the freight or express office nearest you is not convenient and you had rather have your seeds delivered to your post office or mail box it is best to have them come by parcel post.

When you order your seeds to come by express or freight we can send them "collect" so you may pay the transportation charges on delivery. If you want your order to be sent by parcel post the postage must be paid in advance and you must send us the amount of postage in addition to the cost of the seeds. When you order seeds in quantity at "Not Prepaid" prices you will get better and usually much quicker service if you will send us the postage so we can ship by parcel post rather than by express collect.

When you order some items at "Post-paid" prices and others at "Not Prepaid" prices and want them all to come by parcel post, add postage for the "Not Prepaid" items only. All quantity lots of seeds in this catalog are listed in pounds, so it is easy to figure the extra amount for postage to send with your order. Your Postmaster and generally your R. F. D. Carrier can tell you what zone you are in from Atlanta.

HOW TO FIGURE POSTAGE

Two things are necessary. First figure up the weight of the seed according to what you are ordering. Then, assuming that you know the particular zone you live in from Atlanta, take the amount shown in the column for that zone opposite the number of pounds you are ordering. Whatever that amount is must be added to the cost of the seed so we can prepay the postage.

As an example we will suppose that you want to order 14 pounds (a peck) of corn. If you lived in either the 1st or 2nd postal zones from Atlanta the amount to be sent us in addition to the price of the corn would be 18 cents; for the 3rd zone 32 cents; for the 4th zone 59 cents and so on. With the above table it's very easy to figure it exactly, once you know what your zone number is.

By parcel post, seeds can be sent to any post office and if you live on an R. F. D. route, they are brought to your door. Seventy pounds is the weight limit. If larger quantities are wanted it would have to be split into two or more shipments. 50 pounds is the weight limit for the 4th, 5th, 6th, 7th and 8th zones.

APPROXIMATE LOCATION OF ZONES

For those who cannot easily get information as to their zone we give the following approximate location of the zones. If at all in doubt as to your zone be sure and send enough to cover necessary postage. If you send too much it will be returned to you. The rates in the 1st and 2nd zones are the same.

Weight in pounds	Parcel Post Zones						
	1st and 2d Up to 150 miles	3d 150 to 300 miles	4th 300 to 600 miles	5th 600 to 1,000 miles	6th 1,000 to 1,400 miles	7th 1,400 to 1,800 miles	8th Over 1,800 miles
1	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2	.06	.08	.11	.14	.17	.21	.24
3	.07	.10	.15	.20	.25	.31	.36
4	.08	.12	.19	.26	.33	.41	.48
5	.09	.14	.23	.32	.41	.51	.60
6	.10	.16	.27	.38	.49	.61	.72
7	.11	.18	.31	.44	.57	.71	.84
8	.12	.20	.35	.50	.65	.81	.96
9	.13	.22	.39	.56	.73	.91	1.08
10	.14	.24	.43	.62	.81	1.01	1.20
11	.15	.26	.47	.68	.89	1.11	1.32
12	.16	.28	.51	.74	.97	1.21	1.44
13	.17	.30	.55	.80	1.05	1.31	1.56
14	.18	.32	.59	.86	1.13	1.41	1.68
15	.19	.34	.63	.92	1.21	1.51	1.80
16	.20	.36	.67	.98	1.29	1.61	1.92
17	.21	.38	.71	1.04	1.37	1.71	2.04
18	.22	.40	.75	1.10	1.45	1.81	2.16
19	.23	.42	.79	1.16	1.53	1.91	2.28
20	.24	.44	.83	1.22	1.61	2.01	2.40
21	.25	.46	.87	1.28	1.69	2.11	2.52
22	.26	.48	.91	1.34	1.77	2.21	2.64
23	.27	.50	.95	1.40	1.85	2.31	2.76
24	.28	.52	.99	1.46	1.93	2.41	2.88
25	.29	.54	1.03	1.52	2.01	2.51	3.00
26	.30	.56	1.07	1.58	2.09	2.61	3.12
27	.31	.58	1.11	1.64	2.17	2.71	3.24
28	.32	.60	1.15	1.70	2.25	2.81	3.36
29	.33	.62	1.19	1.76	2.33	2.91	3.48
30	.34	.64	1.23	1.82	2.41	3.01	3.60
31	.35	.66	1.27	1.88	2.49	3.11	3.72
32	.36	.68	1.31	1.94	2.57	3.21	3.84
33	.37	.70	1.35	2.00	2.65	3.31	3.96
34	.38	.72	1.39	2.06	2.73	3.41	4.08
35	.39	.74	1.43	2.12	2.81	3.51	4.20
36	.40	.76	1.47	2.18	2.89	3.61	4.32
37	.41	.78	1.51	2.24	2.97	3.71	4.44
38	.42	.80	1.55	2.30	3.05	3.81	4.56
39	.43	.82	1.59	2.36	3.13	3.91	4.68
40	.44	.84	1.63	2.42	3.21	4.01	4.80
41	.45	.86	1.67	2.48	3.29	4.11	4.92
42	.46	.88	1.71	2.54	3.37	4.21	5.04
43	.47	.90	1.75	2.60	3.45	4.31	5.16
44	.48	.92	1.79	2.66	3.53	4.41	5.28
45	.49	.94	1.83	2.72	3.61	4.51	5.40
50	.54	1.04	2.03	3.02	4.01	5.01	6.00
55	.59	1.14	....	....	....	....	....
60	.64	1.24	....	....	....	....	....
65	.69	1.34	....	....	....	....	....
70	.74	1.44	....	....	....	....	....

GEORGIA—Largely in the 1st and 2nd zones. Extreme southern part is in 3rd zone.

ALABAMA—Divided among three zones; eastern half in 2nd zone, western half in 3rd zone except extreme southwestern portion which is in the 4th zone.

FLORIDA—Has three zones. The northern part is in the 3rd zone, the middle and most of South Florida in the 4th, and extreme southern portion in 5th zone.

MISSISSIPPI—About evenly divided, the eastern half being in the 3rd and the western half in the 4th zone.

LOUISIANA AND ARKANSAS—Both of these states are entirely in the 4th zone.

TEXAS—Mostly in the 5th zone, a small part including the most eastern counties in the 4th and extreme western portion in 6th.

TENNESSEE—Divided in three zones. Southern part of East Tennessee is in 2nd zone; most of the rest in 3rd zone except the extreme western part which is in the 4th.

KENTUCKY—Western and extreme northern part is in the 4th zone but the rest is in the 3rd zone.

SOUTH CAROLINA—Western part of the state in 2nd zone, balance in 3rd zone.

NORTH CAROLINA—Extreme western part in 2nd zone, the rest of the state in 3rd zone except extreme eastern part which is in the 4th zone.

Hastings' Bargain Collections Of Vegetable and Flower Seeds

You probably would like for us to make up a selection of our finest garden varieties of vegetables and flowers for your garden. A great many of our customers like for us to make up seed lists for them. Many newspapers, magazines and other publications ask us to make up really reliable lists for home gardens, planting tables to go by, etc.

With all these ends in view, and chiefly with the idea that we want to make it as easy, simple and satisfactory as is humanly possible for our friends to have good home gardens, we have prepared the collections below.

All these varieties are standard Hastings' varieties and popular throughout the South. Each packet is full-sized, the same as you would get if each was ordered separately, and each collection is as fine an assortment as you can obtain. Simple and accurate

culture directions are printed on each packet and you may be sure that you can have a good garden at very small cost with any of these excellent collections.

These "Bargain Collections" have become so popular that we make them up in great numbers and can afford to offer them very cheap—cheaper than you can buy ordinary packet seeds at the stores, and you get not only more seeds in our packets but you are sure of having them fresh, healthy and ready to grow.

Remember: No matter whether you buy a 5 cent packet of seeds, a collection or many pounds or bushels, it always pays to plant the best seeds and the same applies to bulbs and plants. We have only one grade—the best that can be grown and you can't buy better seeds anywhere else at any price. It always pays to plant Hastings' Seeds.

HASTINGS' SEED COLLECTIONS

Hastings' Introductory Flower Seed Collection (No. 1)

11 Packets, 40 Cents, Postpaid

1 Pkt. Sweet Alyssum . . .	\$.05
1 Pkt. Cosmos, Finest Mixed . . .	.05
1 Pkt. Kochia or Burning Bush . . .	.10
1 Pkt. Dianthus, Superb Mixed . . .	.10
1 Pkt. Four O'Clocks, Mixed . . .	.05
1 Pkt. Nasturtiums, Dw'f Mixed . . .	.05
1 Pkt. Pansy, French Mixed . . .	.10
1 Pkt. Petunias, Single Mixed . . .	.10
1 Pkt. Phlox, Grandiflora . . .	.10
1 Pkt. Poppies, Superb Mixed . . .	.10
1 Pkt. Mixed Sweet Peas . . .	.05

\$.85

For 40 cents we will send one full size packet each of the above 11 varieties, postpaid.

Hastings' Southern Flower Seed Collection (No. 2)

20 Packets, 75c, Postpaid

1 Pkt. Alyssum, Sweet . . .	\$.05
1 Pkt. Centaurea (Sweet Sultan) . . .	.10
1 Pkt. Antirrhinum, Mixed . . .	.10
1 Pkt. Asters, Unrivaled Mixed . . .	.10
1 Pkt. Balsam, Rose-Flowered . . .	.10
1 Pkt. Candytuft, Empress . . .	.10
1 Pkt. Canna, Mixed . . .	.10
1 Pkt. Celosia, Cockscomb . . .	.10
1 Pkt. Japanese Morning Glory . . .	.05
1 Pkt. Kochia or Burning Bush . . .	.10
1 Pkt. Dianthus, Superb Mixed . . .	.10
1 Pkt. Zinnias, Monster Mixed . . .	.15
1 Pkt. Mignonette, Fragrant . . .	.05
1 Pkt. Nasturtiums, Dw'f Mixed . . .	.05
1 Pkt. Pansy, French Mixed . . .	.10
1 Pkt. Petunias, Finest Mixed . . .	.10
1 Pkt. Phlox, Grand Mixed . . .	.10
1 Pkt. Poppies, Superb Mixed . . .	.10
1 Pkt. Mixed Sweet Peas . . .	.05
1 Pkt. Verbena, Finest Mixed . . .	.10

\$1.80

For 75c, we will send, postpaid, the above 20 full size packets of Flower Seed. No changes will be allowed in this collection. No others will be sold at these prices.

50 Cents HASTINGS' HALF DOLLAR VEGETABLE COLLECTION (No. 4) 14 Packets

1 Pkt. Improved Blood Turnip Beet . . .	\$.10	1 Pkt. White Velvet Okra . . .	\$.05
1 Pkt. Stringless Green Pod Beans . . .	.10	1 Pkt. Bermuda White Onion . . .	.10
1 Pkt. Danvers Intermediate Carrot . . .	.05	1 Pkt. Rosy Gem Radish . . .	.05
1 Pkt. Hastings' White Spine Cucumber . . .	.10	1 Pkt. Royal King Pepper . . .	.10
1 Pkt. Rockyford Cantaloupe . . .	.05	1 Pkt. Early White Bush Squash . . .	.05
1 Pkt. Giant Southern Curled Mustard . . .	.05	1 Pkt. Redfield Beauty Tomato . . .	.10
1 Pkt. True Southern Collard . . .	.10		
1 Pkt. Kleckley Sweet Watermelon . . .	.10		\$1.05

For 50 cents we will send the above 14 full sized packets of seed by mail, postpaid. No changes will be allowed in this collection. No others will be sold at these prices.

\$1 Hastings' Dollar Collection (No. 5)

½ lb. Stringless Green Pod Beans . . .	\$.20	1 Pkt. White Velvet Okra . . .	\$.05
½ lb. Kentucky Wonder Pole Beans . . .	.20	1 Pkt. White Bermuda Onion . . .	.10
1 oz. Eclipse Blood Beet . . .	.15	1 Pkt. John L. Extra Early Pea . . .	.10
1 Pkt. Surehead Cabbage . . .	.10	1 Pkt. Royal King Pepper . . .	.10
1 Pkt. Eden Gem Cantaloupe . . .	.10	1 Pkt. Early White Bush Squash . . .	.05
1 Pkt. Danvers Intermediate Carrot . . .	.05	1 Pkt. Redfield Beauty Tomato . . .	.10
1 Pkt. True Southern Collard . . .	.05	1 oz. Early Flat Dutch Turnip . . .	.10
1 Pkt. Hastings' White Spine Cucumber . . .	.10		\$1.65
1 Pkt. Kleckley Sweet Watermelon . . .	.10		

This is the big home garden year. Grow your own food and save the high food prices. For \$1.00 we will send the Hastings' Dollar Collection (16 varieties) postpaid. No changes will be allowed in this collection. No others will be sold at this reduced price.

\$2 Home Garden Collection (No. 6)

1 oz. Improved Blood Turnip Beet . . .	\$.15	1 Pkt. Giant Southern Mustard . . .	\$.05
1 lb. Stringless Green Pod Beans . . .	.40	1 oz. White Velvet Okra . . .	.10
½ lb. McCaslan Pole Beans . . .	.25	1 Pkt. Prizetaker Onion . . .	.10
½ lb. Henderson Bush Lima Beans . . .	.20	1 Pkt. White Bermuda Onion . . .	.10
1 Pkt. Danvers Intermediate Carrot . . .	.05	1 Pkt. Royal King Pepper . . .	.10
1 Pkt. Surehead Cabbage . . .	.10	½ lb. Bliss Everbearing Garden Peas . . .	.20
1 Pkt. Ga. Cabbage Collard . . .	.10	1 Pkt. Ey. Long Scarlet Radish . . .	.05
1 Pkt. Hastings' White Spine Cucumber . . .	.10	1 oz. Rosy Gem Radish . . .	.10
1 Pkt. Big Boston Lettuce . . .	.10	1 oz. Early White Bush Squash . . .	.10
1 Pkt. Eden Gem Cantaloupe . . .	.10	1 Pkt. Redfield Beauty Tomato . . .	.10
1 Pkt. Watson Watermelon . . .	.10	1 oz. Purple Top Strap Leaf Turnip . . .	.10
1 oz. Kleckley Sweet Watermelon . . .	.15		\$2.90

For \$2.00 we will send the above splendid "Home Garden Collection" postpaid to any postoffice. No changes will be allowed in this collection. No others will be sold at these prices.

Hastings' Plant Collections

Roses, Sunny South Collection Twelve of the best everblooming bush roses for the South—three white, three red, three yellow, three pink. Twelve separate and distinct varieties, well rooted, healthy plants, postpaid, for \$1.50. See page 76 and all varieties in natural colors on inside back cover.

Geraniums, Our Eclipse Collection Twelve magnificent double, semi-double and single geraniums of the choicest French and American varieties. Specially selected for Southern conditions. Twelve separate and distinct varieties, healthy, well rooted plants, \$1.50; postpaid. See page 74.

Superb Chrysanthemum Collection Twelve plants, all different, selection of the best shades and colors, selected from the best garden growing varieties. These will please you. Twelve strong, healthy plants, postpaid, for \$1.50. See page 75.

Hastings' Seeds for Successful Gardens

Seeds Postpaid by Mail Remember that the prices given in this list include delivery of all seeds by packet, ounce, quarter-pound, pound, and two-pound lots. Send us the amount named in this catalog, and we guarantee safe delivery by mail, postpaid, in these quantities. Every time you order seeds or write to us, be sure to write your Name, Postoffice, State and Street or R. F. D. and Box Number plainly. Hundreds of orders are delayed every year because the sender forgets to sign his name or give his complete address.

Liberal Premiums Please bear in mind that on seeds in packets and ounces only (no quarter-pounds, pounds, or two pounds), the purchaser may select 25 cents' worth extra on each dollar sent. This does not apply to orders for collections, prices of which are net. See this Premium Offer on Yellow Order Sheet.

Cost of Sending Money In all cases where the order for seed amounts to one dollar or more, the cost of postoffice or express money order, or cost of registering the letters from places that are not money order offices, may be deducted from the amount of the order.

Stamps On orders of seeds where the amount is less than 50 cents, we will accept U. S. postage stamps in good condition (one-cent and two-cent stamps preferred) the

same as cash, but we would ask those remitting stamps to wrap them in oiled paper, if possible, to prevent their sticking together or to the order.

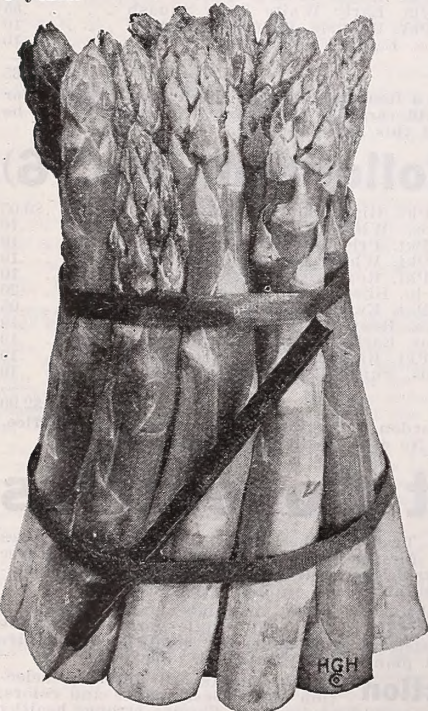
About Warranty H. G. HASTINGS CO. gives no warranty, either express or implied, as to description, quality, productiveness or any other matter, of seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms, they are at once to be returned, and any money that may have been paid for them will be refunded. Crops are dependent for success or failure on so many things besides seed that it is impossible for us to give any warranty or guarantee. This does not mean that we lack confidence in the seeds we sell, but we have no control over the seeds after they leave our house, especially so as to the methods of planting, cultivating and fertilizing, all of which are important factors in the success of any crop. If we should warrant or guarantee seeds in any way, we could be held responsible for the failure of the crop, regardless of cause, and this is a responsibility we cannot and will not accept. No responsible seedsmen gives any warranty.

Express Charges When paying express charges, be sure you only pay "second class" rates, which apply to all seeds. Don't let any express agent charge you first-class rates.

ASPARAGUS One of the earliest and most delicious of all vegetables. You can have a fine bed of Asparagus by planting our Martha Washington or Palmetto Asparagus roots and if roots are planted this spring you can cut from the bed next spring. With the seed, 1 to 2 years longer is required before you can make good cuttings.

CULTURE—Sow seed thinly in drills one foot apart early in the spring or fall after soaking seed in warm water for an hour. Use a rich, well worked light soil and when well up, thin plants to one inch apart and cultivate often until the plants are a year old.

Transplant or set out the roots in permanent bed, using the richest soil you have, thoroughly prepared and worked very deep. Set roots 4 inches deep and 18 inches apart in rows 4 to 6 feet apart. Cultivate frequently until plants meet in the rows. Use a plenty of stable manure or other fertilizer on bed before and after setting out roots, mixing well into soil. A sprinkling of salt and a dressing of fresh wood ashes and manure after plants die down each year is advisable. The growing of Asparagus Roots has become quite a feature on the Hastings' Plantation. Plant them for the strongest, largest, best developed plants that will be ready for cutting long before ordinary roots. Plant 100 roots to 15 by 20 foot bed; a packet of seed to 50 feet of row. Beds last about 8 years.



Bunch of Hastings' Washington Asparagus

Palmetto Asparagus Seed (No. 1) A very early maturing and very prolific variety which has been considered the best variety for the South for many years. It is still the standard variety, producing an abundance of very large, deep green shoots of the best quality. It is regular in growth and very easily grown from seed. It gives entire satisfaction. Packet, 10 cents; ounce, 15 cents; ¼ pound, 35 cents; pound, \$1.00; postpaid.

Palmetto Asparagus Roots Roots are a little more expensive than seed but the time saved and the generally more satisfactory growth from our extra large roots makes them well worth while. Hastings' Plantation grown roots will please you and it pays to plant them. 50 roots, \$1.00; 100 for \$1.75; postpaid. By express or freight, not prepaid: 100 roots, \$1.50; \$12.50 per thousand.

Washington Asparagus Seed (No. 2) The most superior strain of the finest and largest variety of asparagus now known. The names Martha and Mary Washington were given the finest female plants found and this is a selected strain from the start of these plants. This Washington Asparagus is extremely resistant to asparagus rust, is a very vigorous grower and a very high-yielding strain of Giant Asparagus. It is the most uniform market type of all so-called rust-resistant varieties and really is uniformly rust-resistant, very large sized, high-yielding and being a rapid grower is very tender. It is without doubt the best Asparagus grown today and our seeds are the purest pedigreed seed of this finest variety. Packet, 10 cents; ounce, 35 cents; ¼ pound, \$1.00; pound, \$3.50; postpaid.

Washington Asparagus Roots It will pay you, even if you already have an asparagus bed, to plant some of these large new Washington Roots. They are grown from the pure and original pedigreed seed and you may be sure of the finest and largest Roots of this excellent variety. Bunched for sale, the Washington looks so nice and is so fine that it brings higher prices than any other variety. For home use, you will be delighted with the "tips" in both quality and appearance over any other you have ever grown. They are firm and do not begin to branch until well out of the ground. Growing rapidly they are the tenderest of all. Be sure to plant some this year. Plant these extra large roots and save 1½ to 2 years time in having your bed ready for cutting. Prices: 50 roots, \$1.25; 100 for \$2.00; postpaid. Not prepaid: 100 for \$1.75; \$15.00 per thousand.

Artichokes, Green Globe (No. 3) Largest and best flavored of all Artichokes. They are grown for the edible heads and leaves, which are boiled and eaten hot or cold or used for pickling when half grown. Packet, 10 cents. For Jerusalem Artichokes see Page 90.

BUSH BEANS Plant bush beans in this latitude from March to September, every few weeks for an entire summer supply. Plant in rows 18 to 24 inches apart, dropping a bean every 4 inches and covering 2 inches. Cultivate frequently, drawing soil up around stems and pick pods frequently to keep plants bearing. One pound plants 75 feet of row; plant about 75 lbs. (1¼ bushels) per acre.

Hastings' Best 4 Beans, 30c

Thousands of our customers like a good assortment of beans, a packet each of several good kinds for use in small gardens. To meet this demand we offer this splendid collection of four varieties, every one of them a leader in its particular class. We know that you will be more than pleased with Hastings' Best 4 Bean Collection. One packet each of Red Valentine, Wardwells Kidney Wax, McCaslan Pole and Henderson Bush Lima Beans. The 4 full-sized packets, postpaid, for 30 cents.

HASTINGS' GARDEN BEANS FOR 1923

Hastings' Garden Beans are the best Beans you can plant. Whether you plant for the garden at home or for large commercial or market crops you will find that Hastings' Beans are the finest you can obtain. We sell hundreds of thousands of bushels every year and mostly in packet and pound quantities so you can see how many thousands of planters and gardeners depend on Hastings' Beans. For bush or pole snap beans and for bush or pole butter or lima beans, it pays to plant the best.

Hastings' Stringless Green Pod (No. 6) The only absolutely stringless, green round-podded bean, stringless in all stages of growth, from the time the first pods form until full grown and ready to dry up. It surpasses all other bush beans in crisp, tender qualities and fine flavor. It makes a beautiful appearance with its long, smooth, stout, round and creasebacked, dark green brittle pods about 5 inches long. It is a very prolific, strong, vigorous grower; comes into bearing

about the same time as Red Valentine and continues to produce long after other bush varieties have gone, the pods retaining their superb eating and stringless qualities to the last. Of greatest value to those with a family garden who desire to combine quality with the heaviest production. Tests of it all over the South since 1909 have shown its great superiority in every respect. We recommend it highly to every one who plants bush beans in the South. It is the very best quality green-podded bush bean grown. **Packet, 10c; ½ lb., 20c; lb., 40c; 2 lbs., 70c; postpaid. Not prepaid: 15 lbs. (pk.), \$2.50; 60 lbs. (bu.), \$9.60; 100 lbs., \$16.00.**

Hastings' Excelsior

Refugee (No. 14) One of the best and earliest green podded bush beans for Southern spring plantings. A vigorous grower and heavy bearer of uniform, slightly creasebacked, slightly stringy, brittle, fine grained, light green, round, finely flavored pods, 4 to 5 inches long. No early variety equals it in withstanding extremely wet or dry weather without serious injury. Holds pods well up off the ground. We recommend it to you fully for early plantings, if you wish to combine earliness, sureness of crop, quality and quantity. **Packet, 10 cents; ½ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid, 15 pounds (peck), \$2.50; 60 pounds (bushel), \$9.60; 100 pounds, \$16.00.**

Improved Round Pod Refugee (No. 13) 1000 TO 1 BEAN—Similar to Excelsior Refugee, except ten days to two weeks later in bearing. Immensely heavy yielder, with light green pods of fine quality and that hold up well in long distance shipments. Pods are 5 to 5½ inches long, somewhat slender, round and slightly curved; almost stringless and fine grained. Also good for a canning bean. Especially resistant to drought, cold and unfavorable growing conditions. **Packet, 10 cents; ½ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds, \$2.50; 60 pounds (bushel), \$9.60; 100 pounds, \$16.00.**

Extra Early Black Valentine (No. 23) A strain of Valentine bean in favor with market gardeners, both for nearby markets and long distance shipping. Seemingly this bean will stand earlier planting than other varieties on account of its greater hardiness and its resistance to bad weather conditions. Beautiful large dark green pods about 6 inches long, slender, round and nearly straight; stringy, fibrous, fine grained. Plant is more vigorous and productive than Red Valentine and pods darker green; seeds black. Especially desirable in Florida and along the Gulf Coast. **Packet, 10 cents; ½ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.75; 60 pounds (bushel), \$10.50; 100 pounds, \$17.50.**

Hastings' Extra Early Red Valentine (Round Podded) (No. 25) The most largely planted variety of bush beans in the South; a splendid early, heavy-bearing variety, well adapted to all parts of the South for market or home use. Caution should always be used in the purchase of Red Valentine beans on account of the large quantities of flat-podded, tough, shucky beans that are sold every year, largely through local merchants and seedsmen, whose inducement to buy is largely a lower price. You can't afford to take a chance.

If you plant Hastings' Valentine beans you are safe in this respect and sure of beans of the right quality. Ours is the true, round-podded stock, very early, a vigorous grower and very heavy bearer of medium-sized, round, tender, finely flavored medium green pods 4½ inches long; slightly stringy. It is very uniform in ripening and Southern truck growers consider our Red Valentine very profitable for shipment. **Packet, 10 cents; ½ pound, 20 cents; pound, 35 cents; 2 pounds, 65 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.50; 60 pounds (bushel), \$9.00; 100 pounds, \$15.00.**

WHITE MEXICAN PROLIFIC TREE BEAN (No. 28)

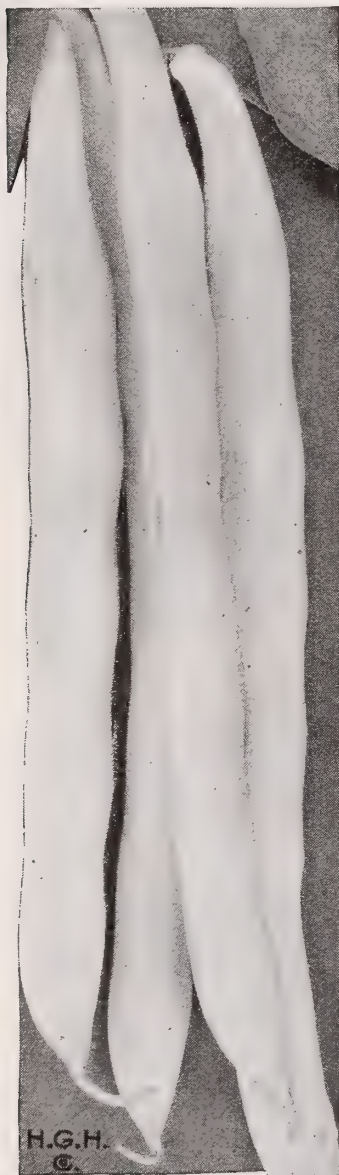
There isn't a single real good reason on earth why you should buy white or navy beans at the store for winter use when planting anywhere from one to four pounds (according to the size of your family) of White Mexican beans will give you an ample supply. The White Mexican is an adapted variety of the Navy bean, and of which the South buys hundreds of carloads each year from Michigan and New York. You can just as easily grow these beans for yourself, and you will find the White Mexican entirely satisfactory for this purpose anywhere in the South. Plants of erect growth, holding pods well up off the ground, although in seasons with plenty of rain there is a tendency to throw some runners. Ordinarily plants grow 20 to 24 inches high, branching in all directions. Plant in rows about 2 feet apart, leaving single plants 6 to 8 inches apart in row. Can be used either as a snap bean or dry as a shell bean. **Packet, 10 cents; ½ pound, 20 cents; pound, 35 cents; 2 pounds, 65 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.25; 60 pounds (bushel), \$8.40; 100 pounds, \$14.00.**



Hastings' Stringless Green Pod Beans



Hastings' Extra Early Red Valentine Beans



Wax beans have a delicious creamy or buttery flavor. Try them.

Wardwells Kidney Wax Beans

Hastings' Wax Podded Bush Beans

Wardwells Kidney Wax (No. 16) One of the most popular wax bush beans for market or home use. Extra early, maturing with favorable weather in 5 to 6 weeks. A most vigorous grower, producing heavy crops of long showy pods, $5\frac{1}{2}$ to 6 inches long, of a beautiful white, waxy appearance and remarkably free from rust, even under most trying conditions. Tender, stout, straight and flat, fleshy, brittle and fine grained, of fine flavor and almost stringless. In shipping it holds up much better than most wax varieties. Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.50; 60 pounds (bushel), \$9.00; 100 pounds, \$15.00.

Sure Crop Stringless Wax (No. 20) In many respects the finest wax bean ever introduced. It is very prolific and of the finest eating qualities. The handsome rich looking yellow pods are 6 to 7 inches long, almost round, very meaty and sweet flavored; stringless at all stages of growth. Plants are very upright in growth, healthy and vigorous. Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (pk.), \$2.50; 60 pounds (bu.), \$9.60; 100 pounds, \$16.00.

Hodson Wax Bean (No. 22) A splendid bush wax variety that has become very popular with many Florida shippers. It is a strong, vigorous, healthy grower with clean wax pods about 6 inches in length; nearly straight, very thick, flat and meaty. Flesh tender and of excellent eating quality; medium-late in maturity. Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.50; 60 pounds (bushel), \$9.00; 100 pounds, \$15.00.

Hastings' Early Valentine Wax (No. 24) An extra early Valentine bean with purely wax pods, round and fleshy; bush grows fifteen inches high with medium-sized, vigorous stalks, and good foliage. A first-class wax bean either for home use or nearby market. Really a wax-podded Valentine bean. Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.50; 60 pounds (bushel), \$9.00; 100 pounds, \$15.00.

Davis White Wax (No. 29) Immensely productive market gardeners' variety, bearing large, beautiful clear bright yellow, waxy, almost straight, flat, stringy pods, 6 to 7 inches long. It holds up splendidly and sells at top prices on its handsome appearance. In quality not equal to others, but the white kidney shaped seeds make it a first-class variety for a shell bean for winter use, and as such should be grown in family gardens. Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.25; 60 pounds (bushel), \$8.40; 100 pounds, \$14.00.

Rust-Proof Golden Wax (No. 30) Our improved strain of Golden Wax, rust-proof to a remarkable degree; well suited to all parts of the South. Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.25; 60 pounds (bushel), \$8.40; 100 pounds, \$14.00.

Prolific Black Wax Bean (No. 32) An extra prolific strain of the old favorite German Black Wax. A larger and better grower and a much heavier bearer than the old original variety. If you liked the old German Black Wax beans this new strain will certainly give you even more satisfaction in your garden. Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.25; 60 pounds (bushel), \$8.40; 100 pounds, \$14.00.

Hastings' Real Cornfield Beans

HASTINGS' GENUINE CORNFIELD BEAN (No. 18) There are many so-called cornfield beans, but they have been generally unsatisfactory, not growing as vigorously as they should in the shade of the corn stalks. Hastings' Genuine Cornfield is entirely satisfactory in manner of growth, heavy-bearing qualities, tenderness and fine flavor. If you want a bean for planting in the corn, this is certainly the variety that you can plant with full assurance that it will give you exactly the kind of results you are looking for. It is green podded, producing beans about 6 inches long, round and well filled. This bean has never been offered by any other seed house. Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.50; 60 pounds (bushel), \$9.60; 100 pounds, \$16.00.

HASTINGS' WHITE CORNFIELD BEAN

(No. 35) There is a big demand for good cornfield beans and our white-seeded variety is beyond question the best of the cornfield types, good in the "snap" stage and good as a dry shell bean for winter use. There are many so-called cornfield beans but few of them actually make good when planted in the shade of corn. This one makes good. A heavy and long continued bearer of finely flavored, good sized, meaty green pods. You

will not be disappointed in this bean. Packet, 15 cents; $\frac{1}{2}$ pound, 30 cents; pound, 50 cents; postpaid.

GEORGIAN POLE BEAN (No. 36) THE GREAT CORNFIELD BEAN—Several years ago during a period of extreme heat and drought in September, snap beans were not to be had from any of the truck growers. All beans apparently had quit bearing and dried up.

One day during this bean famine a farmer with a good-sized wagon load of "snap" beans stopped in front of our Atlanta store and it wasn't long until he sold out his load at the rate of \$2.00 per bushel. He had the Georgian Pole Bean.

It makes a strong growing vine either for trailing on poles or for planting in corn, and is fairly covered with medium sized, meaty, practically stringless pods of finest flavor and quality. Its greatest value, however, is its great resistance to drought and heat. It is a bean to stay with you late in the season, giving both satisfaction and plenty of beans under late summer and fall conditions when beans are always scarce.

Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.50; 60 pounds (bushel), \$9.00; 100 pounds, \$15.00.



Single Vine of Georgian Pole, The Great Cornfield Bean

McCaslan Pole Bean



H.G.H.
©

McCaslan—The Best Pole Bean

(No. 26) This superb pole bean of Georgia origin, introduced by us in 1912, has been acknowledged by every seed trade expert who has seen it as the best pole bean in existence, the one pole bean, as one of them said, that "beats Kentucky Wonder". If you once plant it you will fully agree with Mr. J. H. Sheffield, of Wingate, Miss., who wrote us: "McCaslan bean surpasses anything in the bean line I ever saw."

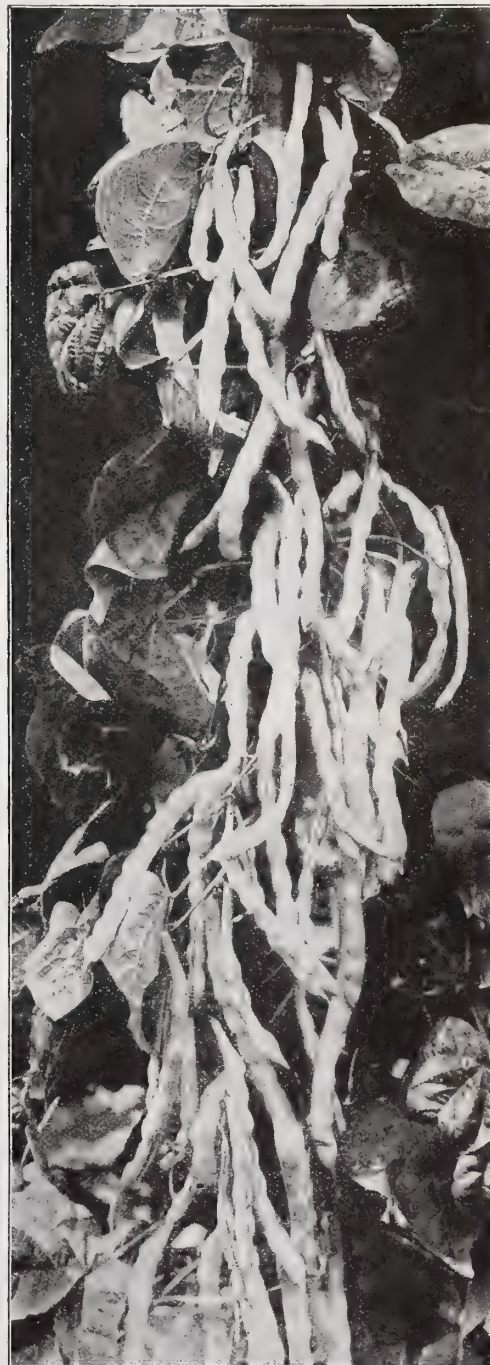
It is the heaviest bearing bean in existence. The large size pods fill perfectly and in the "snap" stage are deep green in color, meaty, stringless and of delicious flavor. Vines continue to bear throughout the season if kept closely picked. When allowed to ripen the shell beans of pure white color are most excellent for winter use. The McCaslan is a pole snap bean that no Southern home garden can afford to be without. It's the one pole bean for any Southern garden and you will never regret planting it. It is unbeatable. Packet, 10 cents; ½ pound, 25 cents; pound, 45 cents; 2 pounds, 80 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.50; 60 pounds (bushel), \$9.60; 100 pounds, \$16.00.

Texas Prolific, Old Homestead, Kentucky Wonder (No. 15)

This superb pole snap bean is known under all three of these names. It is a most profitable pole, green, snap bean for you to plant any time from April to August. Bears in sixty to seventy days from planting, and if closely picked will continue bearing until frost. Pods are green, round, well rounded out, meaty, tender, practically stringless and grow 6 to 12 inches long. Immensely prolific, a peck having often been picked from a single vine, our illustration giving a splendid idea of its productiveness. If you have grown it before you need not be told its value. If you have never grown it, plant, at least, a few of them this year, for you will certainly be pleased. Old Homestead and McCaslan are the greatest beans in existence and Old Homestead is a great old standby and favorite. Packet, 10 cents; ½ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.50; 60 pounds (bushel), \$9.00; 100 pounds, \$15.00.

Kentucky Wonder Wax (No. 5)

This is really a wax or yellow podded form of Kentucky Wonder, equal in every respect to that famous variety. Pods are long, very thick, meaty, deeply saddle-backed, entirely stringless and of bright yellow color. Packet, 10 cents; ½ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.75; 60 pounds (bushel), \$10.50; 100 pounds, \$17.50.



Texas Prolific—Old Homestead—Kentucky Wonder

Hastings' Bush Lima Bean Collection, 30c

There ought to be more lima or "butter beans" grown in the South, and with the bush varieties it is as easy to grow them as it is to plant and grow the ordinary bush snap beans. To encourage a more general planting of these fine bush lima beans in the South we are offering one packet each of the four very best lima beans for the Southern garden. For a good many years we offered Hastings' "Best Three Bush Limas" and have sold many thousands of these collections. Now, we are adding another to the collection, giving one packet each of Henderson Bush Lima, the most prolific white lima; Jackson Wonder, the almost drought-proof; Fordhook, the best of the large seeded limas, and Burpee New Improved Bush Lima, a great improvement over the old variety. Take advantage of this exceptional offer in your order this year. You will be more than pleased. Hastings' Lima Bean Collection, 30 cents; postpaid.

PLANT HASTINGS' BUTTER BEANS

Hastings' Butter or Lima Beans are in many ways more desirable than "Snap" Beans, both for use in the green stage and as dry Beans. Years ago many didn't plant Butter Beans because they didn't have a fence or poles for them to climb on. The Pole or Climbing varieties are fine heavy bearers but the bush butter varieties are easier to plant, grow and gather. They are grown closer together, need no support, are fully equal in eating qualities and are ready to use before the pole varieties. In both pole and bush varieties, however, we can supply you with small and large seeded kinds, just to suit your taste.

CULTURE—Butter Beans take longer to mature than Snap Beans. Plant when ground is dry and warm in light, rich soil if possible. Make rows 2 to 3 feet apart; drop seed 3 inches apart and cover 1½ inches. If planted in hills, drop 5 beans to the hill. Hoe often but only when leaves are dry.

Jackson Wonder Bean (No. 17) Most prolific of all bush limas; of Georgia origin and fully adapted to all parts of the South. Flourishes in driest weather and practically drought proof. Flavor rich and delicious. A perfect bush butter bean growing 10 inches to 2 feet high. Begins blooming early; continues to bear until frost kills the plants. Good for summer use or as a winter shell bean. Seed of brownish color. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 65c; postpaid. Not prepaid: 15 lbs. (pk.), \$2.25; 60 lbs. (bu.), \$8.40; 100 lbs., \$14.00.

Henderson Bush Lima (No. 7) Smallest but most prolific of all the white seeded varieties, being a true bush form of the Small Lima or "Sieva". Very early, beginning to bear in about 60 days from planting and is one of the most popular varieties of butter beans for home, canning and market use. Pods are small, about 3 inches long, generally with 3 or 4 small, flat, white beans. Packet, 10 cents; ½ pound, 20 cents; pound, 35 cents; 2 pounds, 65 cents; postpaid. Not prepaid: 15 lbs., \$2.50; 60 lbs. (bushel), \$9.00; 100 lbs., \$15.00.

Fordhook Bush Lima (No. 33) Generally considered the best of the large seeded bush lima varieties. Bushes of strictly erect habit, branching freely with all the branches held upright. This is a true bush form of what is known as the potato or large, thick seeded, bush lima. From four to six days earlier than other varieties of this class. Pods about 5 inches long are found in clusters of four to eight and are well filled with 4 to 5 delicious large beans that in quality surpass by far all the other lima beans. You will make a mistake if you don't plant Fordhook Bush Lima in your garden this spring. Packet, 10 cents; ½ pound, 25 cents; pound, 45 cents; 2 pounds, 80 cents; postpaid. Not prepaid: 15 pounds, \$2.75; 60 pounds, \$10.50; 100 pounds, \$17.50.

Burpee Improved Bush Lima Bean (No. 34) A true and improved bush form of the large white lima pole bean with extra large seed beans. The plants are vigorous and productive; very large pods, 5 inches long, usually contain 4 large, thick beans of excellent quality. Seed shows a greenish white tinge which is considered a sign of superior quality. Packet, 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; postpaid. Not prepaid: 15 lbs. (peck), \$2.75; 60 lbs. (bushel), \$10.50; 100 lbs., \$17.50.

POLE LIMA OR BUTTER BEANS

Florida Butter Bean

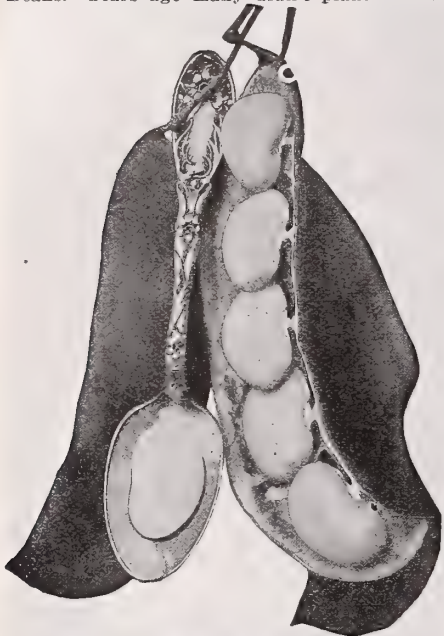
(No. 27) The only true pole lima sure to set pods from earliest of the season's blooms. It blooms and bears profusely all through the season instead of waiting for cool nights as do other pole lima varieties. Will make an abundant crop under season conditions that cause other varieties to fail. Seeds of the Small Lima or "Sieva" size, but are speckled white and brownish red. Packet, 10c; ½ lb., 20c; lb., 40c; 2 lbs., 70c; postpaid. Not prepaid: 15 lbs. (pk.), \$2.25; 60 lbs. (bu.), \$8.40; 100 lbs., \$14.00.

Small White Lima (No. 9)

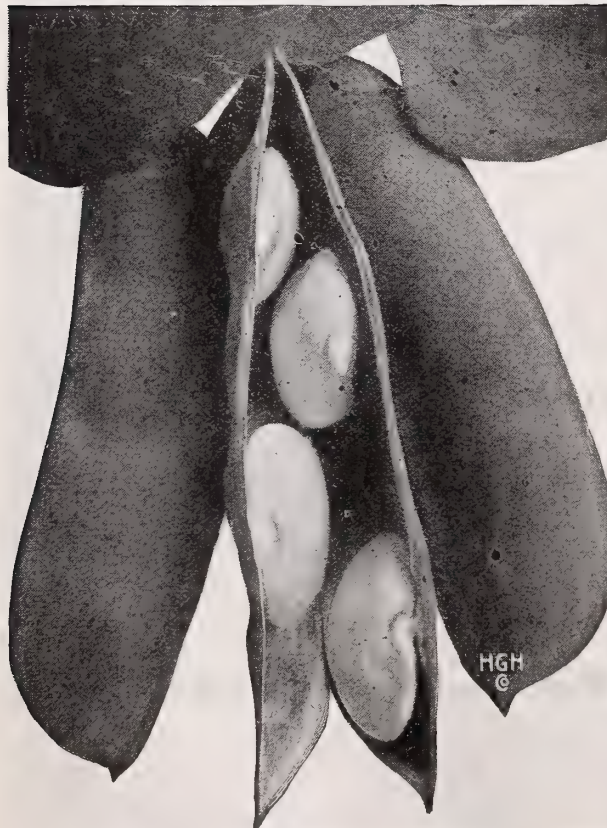
CAROLINA OR SIEVA BEAN—A climbing form, similar to Henderson Bush Lima and very popular. This variety is a continuous bearer and furnishes the most tender and delicious beans for the table. It's very prolific and a hardy grower for "butter beans" in the South. The 3 inch, dark green curved pods contain 3 to 4 creamy white beans. This is the most generally grown Butter Bean in the South. Packet, 10 cents; ½ pound, 20 cents; pound, 35 cents; 2 pounds, 65 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.25; 60 pounds (bushel), \$8.40; 100 pounds, \$14.00.

Large White Lima (No. 10)

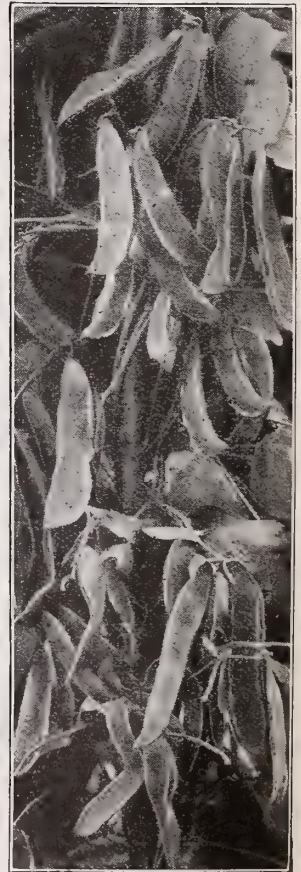
The true large lima pole bean. Vigorous grower, with extra large greenish white beans. A late variety with pods about 5½ inches long and very broad, borne in clusters and pods usually contain 4 beans. Packet, 10 cents; ½ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 15 pounds (peck), \$2.50; 60 pounds (bushel), \$9.60; 100 pounds, \$16.00.



Henderson Bush Lima Beans



Fordhook Bush Lima—Thick Seeded Butter Bean



Florida Butter Bean



Improved Dwarf Brussels Sprouts
greens. Plant in the spring or fall.

Early Green Curled Kale (No. 200) Also variously known as "Dwarf German," "Dwarf Curled Scotch," and "Siberian". It is rather low growing, with fine curled leaves of deep green color. The young leaves are tender and delicate in flavor. Packet, 5 cents; ounce, 10 cents; ¼ pound, 25 cents; pound, 75 cents; postpaid.

COLLARDS An old-time standby for winter greens all over the South. Not in its best condition until touched by frost. Seed can be sown here from early spring up to August 1st. When plants are 6 inches high transplant to open ground, setting 2 feet apart. Cultivate like cabbage. Sow 1 ounce of seed to 200 feet of row.

Georgia Cabbage-Collard (No. 136) See picture of this new vegetable or Improved Collard. Be sure to plant it for it's fine. A cross between Ga. Collard and Charleston Wakefield Cabbage, bred for the easy growth and hardiness of the Collard and the flavor and heading qualities of the Cabbage.

It doesn't winter-kill with ice and snow and stands hot weather as well. Heads are rounded, not as firm as many Cabbages but of delicious flavor boiled or in cold slaw. Winter cabbage is a serious problem in the South but the Cabbage-Collard heads can be left on the plants and used as wanted through the winter. You will be delighted with this and like it much better than any Collards you ever ate. Originated right here in Georgia and so is well adapted to the South. Our own introduction and for sale nowhere else. Packet, 10 cents; ounce, 20 cents; ¼ pound, 60 cents; pound, \$1.75; postpaid.

Southern or Georgia Collard (No. 135) This variety is the old-time favorite. Stands all sorts of adverse conditions without injury and will make a good crop where the soil is too poor to grow cabbage. Hardy, standing usual winters without serious injury as far north as Atlanta. Packet, 5 cents; ounce, 10 cents; ¼ pound, 25 cents; pound, 75 cents.

Brussels Sprouts

A very highly esteemed member of the cabbage family, especially desirable for the late summer and fall plantings in Florida and the Gulf Coast in all parts of the lower South. Plants are quite hardy and live through the winter. Quality and flavor are much improved by frost. Sow seed in July, August or September and when plants are four to six inches high transplant to open ground and cultivate as for cabbage.

Improved Dwarf

(No. 59) Brussels Sprouts— The most desirable variety in every way, growing 18 to 30 inches high and producing compact "sprouts" 1 to 2 inches in diameter of grayish green color. Packet, 10 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, \$2.50.

Broccoli

A vegetable very closely related to cauliflower, from which it is supposed to have come. Give the same culture as for cauliflower, and in the Southern States, unless you are an expert cauliflower grower, Broccoli will make a surer header for you. There are many also kept from growing cauliflower by the high price of the seed. To those we recommend Broccoli.

White Cape Broccoli (No. 56)

The Cape Broccoli is the best type for the South and you will do well to have it in your garden this year. The plants are very hardy, vigorous and easily grown. The heads are white, compact, hard and of fine quality. Packet, 15 cents; ½ ounce, 40 cents; ounce, 75 cents; ¼ pound, \$2.50; postpaid.

Borecole or Kale

Hardy plant for winter

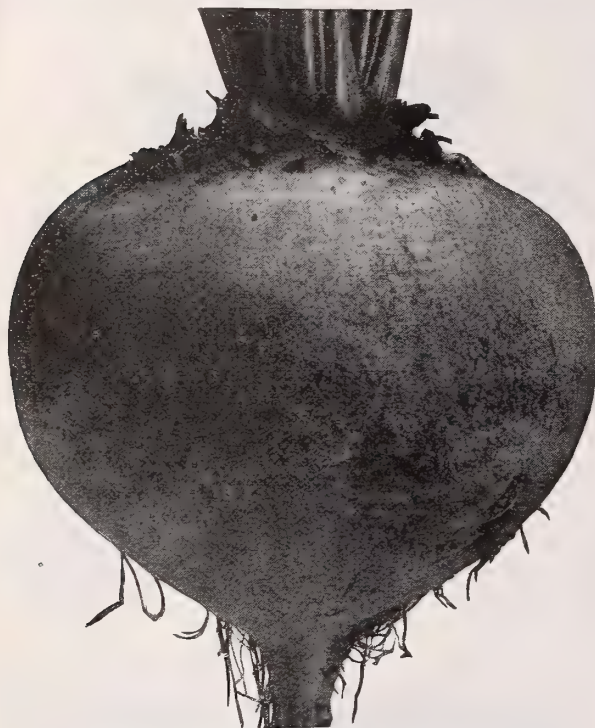


Early Green Curled Kale or Borecole Plant



Head of Hastings' New Georgia Cabbage-Collard, Hardy as Collards with Cabbage Quality

HASTINGS' SUPERIOR GARDEN BEET SEED



Hastings' Improved Blood Turnip Beet

Note The best beet seed in the world is grown in France. The best beet seed growers live in France, and Hastings' Beet seed of all varieties comes from the best of the French growers; beet seed which, when planted here in the South, makes the smoothest, cleanest, finest formed beets that can be grown.

The South does not appreciate, plant and use beets as much as it should. Sown thickly the young plants when thinned out make splendid "greens". Planted any time from early spring to September 15th they make splendid young beets for summer, fall and early winter use.

Culture Sow in rich or well manured garden ground after same has been deeply plowed or spaded. Sow in rows 18 inches to 2 feet apart, scattering seed thinly. In light sandy soils cover about 1 inch; in stiff or clay soils not over ½ inch. Sowing can begin as early as the ground can be worked in this latitude, and succession sowings made up to September 15th and even later farther south of us. In Florida sow from September to December. Seed is rough and the soil should be firmed or rolled if the ground is dry. When two or three inches high, thin out to four or five inches apart in the row. Young beet plants are superior to spinach and turnips for "greens." Quantity of seed required: 1 ounce to 50 feet of row; 6 to 8 pounds per acre. Young beets ready for use in 50 to 70 days, according to variety.

Hastings' Improved Blood Turnip Beet

(No. 45) Or Detroit Dark Red. This is the finest Beet grown and we recommend it fully. Most popular variety for home use and nearby markets. An improvement by our growers over the Early Blood Turnip Beet. Color a deep blood red. A fine even form, very uniform in growth, as shown in our illustration from a photograph; medium early and very productive, tender, free from stringiness and very sweet; good for either home or market use and most valuable variety for succession sowings. Packet, 10 cents; ounce, 15 cents; ¼ pound, 50 cents; pound, \$1.50; postpaid.

Hastings' Crimson King Or Crimson Globe. Of turnip shape and color. Sweet and tender and in favorable seasons it has been ready for use in 6 weeks from time of sowing. A splendid all-season beet. Packet, 10 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, \$1.25; postpaid.

Extra Early Egyptian (No. 42) An extra early market grower, producing smooth, rather flattened, turnip-shaped roots. When young, flesh is sweet and tender, but becomes stringy with age, and we do not advise for home garden use generally. However, it is the earliest of all varieties to plant and mature. Packet, 5 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, \$1.25; postpaid.

Hastings' Eclipse Blood Turnip Beet (No. 40)

The most popular market gardeners' beet for the South as well as a favorite for home gardens. Fine form, smooth, and free from stringy roots. A rapid grower with small tops and a deep blood-red color which it retains fully after being cooked; quality extra fine, very sweet and tender. It is a heavy bearer, and its handsome appearance makes it an easy seller when placed on the market, either locally or after long distance shipments. This is an extra fine beet. Packet, 10 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, \$1.25; postpaid.

Half-Long Blood Beet (No. 44) A favorite for winter and spring use, intermediate length between our Improved Blood Turnip Beet and the Long Smooth. Color a deep blood red, smooth and free from stringy roots. It is excellent to slice for pickles. The tops are very upright with very smooth leaves. In quality it is tender and sweet and remains in good condition for a long time after maturity. Packet, 5 cents; ounce, 10 cents; ¼ pound, 30 cents; pound, \$1.00; postpaid.

Long Smooth Blood Beet (No. 49) An old-time favorite in the South; has long, smooth, blood red roots growing well down into the soil, enabling it to resist drought and heat. This long, late, dark Blood Beet is of good quality and it keeps well through the winter. The smooth, rather slender beets have very few side roots and grow 8 to 10 inches long or even longer in very rich soil. Flesh is tender and sweet; an excellent sort for pickles. A few of these should be planted in every garden for use after all the other varieties are gone. Packet, 5 cents; ounce, 10 cents; ¼ pound, 30 cents; pound, \$1.00; postpaid.

AN HONEST CONVICTION--GOOD SEEDS

Since 1889 Hastings' has worked for better seeds and in consequence better vegetables, crops and flowers. Hastings' wanted to make a success of the whole seed business by selling better seeds than could be bought from any other source or means of supply. Prices have always been very reasonable, in fact quite often are cheaper than common, ordinary seeds—but there's a lot of difference in the seeds. Hastings, with good seeds, has built probably the greatest as well as the largest mail-order seed house in the world.



Hastings' Eclipse Blood Turnip Beet

YOUNG BEET TOPS MAKE DELICIOUS EARLY SPRING GREENS. PLANT A PLENTY

Lentz's Extra Early Turnip Beet (No. 50)

A variety that is a great favorite for market gardeners of Florida for shipments to Northern markets. Nearly as early as Egyptian, larger and of better quality. Color, light red and zoned with pink. Tender and sweet at all stages of growth. Often ready for use in 6 to 7 weeks from sowing. Productive and good shipper. This is an early beet, very satisfactory for home use or market. Packet, 10c; ounce, 15 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.25; postpaid.

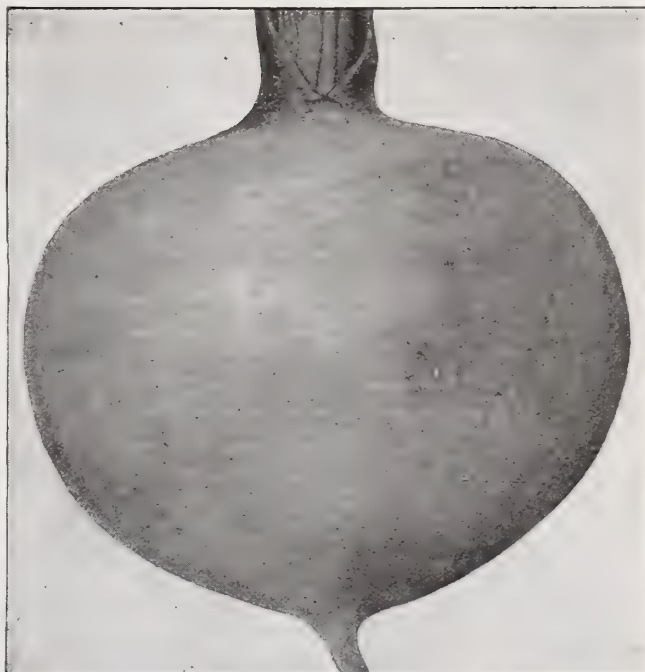
Swiss Chard Beet or Sea Kale (No. 43)

Probably no vegetable is coming into popular favor more rapidly than Swiss Chard, or Sea Kale as it is frequently called in Europe. It is grown for its leaves only, as it does not make a bulbous, edible root like the other varieties. The leaves grow large and upright and as the outer leaves are cut more come from the center.

The mid-rib or center stem of each leaf is large and almost white and after trimming can be cooked and served like asparagus. The leaf part can be cooked like spinach or turnip greens or if desired the whole leaf can be boiled and served as "greens". There is a delicious delicate flavor not found in either turnips or kale. See illustration on this page. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; postpaid.

MANGEL AND HALF SUGAR MANGEL BEETS FOR STOCK

Every year sees a steady increase in the number of farmers in the South who plant, at least, a small crop of Mangels and Half-Sugar Mangels for stock feeding purposes. It is impossible to find crops that will give greater returns for the fertilizer and small amount of time expended than the Mangels, Half-Sugar Mangels and Belgian Carrots. All are immense yielders under good cultivation and make an agreeable change of food for any animal kept on dry forage in winter. With dairy cattle the increased flow of milk and generally improved condition of the animals show the great value of these crops. Plow the ground deeply, then harrow well until smooth. Sow seed in



Lentz's Extra Early Turnip Beet—The Best Extra Early

this latitude early in the spring, rows $2\frac{1}{2}$ to 3 feet apart, and let grow all season. Use a naturally rich, deep soil or else fertilize heavily. Mangels and Half-Sugar Mangels are equally valuable. Where their value is known almost every farmer plants them each year.

Jumbo Long Red Mangel (No. 41)

Largest and heaviest yielder in the South for all the true Mangel beets. If you have never grown Mangels, try them this year. Roots grow from one-half to two-thirds above the surface and are usually eighteen inches to two feet long and four to six inches in diameter. The tonnage, or yield, per acre on rich or well fertilized ground is something immense. The Jumbo Mangel or the White French Half-Sugar Mangel ought to be planted on every farm in the South where cows are kept through the winter. They are certainly the greatest stock feeds you can find and the increased flow of milk through the winter makes the growing and feeding well worth your while. Ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents; postpaid. In 10-pound lots or over, not prepaid, 40 cents per pound.

White French Half-Sugar Mangel (No. 51)

We would have a difficult task if we had to make a choice between this and the Jumbo Long Red Mangel. Our inclination is always to plant some of both. While possibly not quite as heavy a yielder per acre as the Jumbo Long Red its very considerable sugar content makes it especially valuable in fattening cattle and insuring a flow of richer milk in dairy or milk cows. It is as easily grown in the South as the garden variety of beet and should be left in the ground until frost to secure the largest yields. Roots are very large, of oval shape, with smooth, clean skin, and grow with the tops of the bulbs two or three inches above ground and consequently are easily pulled. We recommend a general planting of both this and the Jumbo Mangel for they are both worth while on any farm where cows are kept. Ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents; postpaid. In 10-pound lots or over, not prepaid, 40 cents per pound.

HASTINGS' TRIAL GROUNDS

Besides our many field inspections of seed crops and with the most careful and experienced growers in America growing these crops for you, every lot of seeds before sold is carefully double tested for germination and purity under the supervision of Mr. H. S. Hastings, a qualified seed analyst, trained by the U. S. Dept. of Agriculture after he finished college at the Georgia State College of Agriculture. We believe the Hastings' Seed Laboratory is the best equipped and most complete of any seed house in America.

Mr. Donald M. Hastings, an honor graduate from the Georgia State College of Agriculture, specializing in Horticulture and with practical experience on Seed Trial Grounds and Nursery work with Northern seedsmen and nurserymen, is in charge of the enlarged Hastings' Trial Grounds on the Hastings' Lovejoy Plantation. On these Trial Grounds new varieties and many different strains of old varieties are grown to show the very best of all the different types of vegetables, field plants and flowers. In this way we determine, year after year, the best of each type for the South and only the best and most satisfactory kinds will you find in a Hastings' catalog.



Jumbo Long Red Mangel



Swiss Chard Beet or Sea Kale

Hastings' Frost Proof Cabbage Plants

These cabbage plants will stand frost with little or no damage and will generally stand light freezes, but when a hard freeze comes, or when we have a fall drought followed by continued winter rains as in 1919-20 we lose all our plants and have none to sell. However, we don't expect any such winter this year and we do expect to provide our customers with a plenty of these hardy plants this year.

In 1919 we only sold these plants in small postpaid quantities, not believing that we had enough growing to sell in express lots. Nevertheless, it took 16,868,700 cabbage plants to fill these small orders. In 1920 we received orders for over 40,000,000 and for this season we have prepared for 100,000,000. The Hastings' reputation is behind these cabbage plants the same as our seeds and you can depend on their "making good". We advise as early an order for cabbage plants as you consider safe in your particular locality.

To the Market Gardener who grows cabbage for shipment or nearby markets, earliness or quick maturity of the crop is a prime necessity if largest profits from the market are to be secured.

To the Home Gardener who wants earliness in maturity together with avoiding all the trouble of cabbage seed sowing and necessary protection of early sown seed and plants, our practically frost and freeze-proof cabbage plants are both a convenience and a necessity.

Along the South Carolina coast are a number of well protected islands that never feel the cold spells of winter as we do here in the Central South. In that locality the cabbage seed is sown in the fall and makes a slow and vigorous, hardy growth all during the winter in the open ground. They can be taken from there and planted anywhere in the Central South between January 15th and March 15th with perfect safety, a thing that is impossible with hot bed or greenhouse grown cabbage plants or even those grown outdoors in Florida and South Georgia.

The use of these open air, practically frost-proof plants often enables the gardener to put full-grown heads of cabbage on the market two or three weeks ahead, and naturally he gets the early season top prices for his crop.

To mature good heads the plant must not be too old when shipped. Over on the Carolina Coast Islands are a number of cabbage growers who plant for a surplus of cabbage plants so as to insure having enough plants for their own use in setting out their fields. If everything goes right they have more plants than they need and offer them for sale to you and others. What they get out of these surplus plants is so much clear money.

Here is the real important point, however. Once a cabbage plant gets too old before it is transplanted it is very apt to run to seed instead of producing good heads of cabbage.

You can't afford to take chances and you don't with Hastings'.



Hastings' Open Ground Grown, Practically Frost Proof Cabbage Plants. They Are Hardy

Varieties: Early Jersey Wakefield, Large Charleston Wakefield and Early Flat Dutch Cabbage Plants--By Parcel Post Prepaid to Your Postoffice Address

These are the early varieties to plant for the high price early market Cabbages and also for the earliest home garden Cabbage. **Notice!** We will mail these plants to any address in the United States, postpaid, except in Florida and California. We cannot accept orders from these two States because of State Quarantine Laws, which cause serious delay and damage in plants before reaching destination.

Postpaid Prices 100 Plants of any of the above varieties, 50 cents, postpaid. No order for less than 100 plants of the same variety will be filled. Orders are filled by the hundred. All orders for less than 500 of the same variety take the 100 rate.

500 Cabbage Plants, all of the same variety, \$1.60, postpaid. 1,000 or more of the same variety, \$3.00 per 1,000, postpaid to your address. Write for not prepaid prices on larger quantity lots.

Remember, these are hardy, outdoor, slow-grown frost-proof plants that will generally stand light freezes and down to 20 degrees. They are more than worth the prices named. Order them by the hundred, not 250 or 350, but 100, 200, 300, etc. We pay the postage to any address except in Florida and California. Plant orders are shipped direct from our growing station, immediately after being "pulled" or dug and separate from seed orders.

Onion and Sweet Potato Plants Hastings' Bermuda and Hastings' Prizetaker Onion Plants are listed on Page 34 at the same prices as our Cabbage Plants. They are even more hardy than Cabbage Plants and will stand light freezes without injury.

Hastings' Porto Rico Sweet Potato plants at these same prices are listed on Page 35. Send in your order for Sweet Potato Plants along with your other plant or seed orders and we will ship as close as possible to the date you want them. Onion and Cabbage Plants can be shipped from December to March but Sweet Potato Plants won't be ready until about April 10th. We can ship them from April 10th to July.

250,000 PLANT HASTINGS' CABBAGE

A quarter of a million is a large number of people, yet a few thousand more than that plant Hastings' Cabbage Seed of different varieties every year. Since we started in business in 1889 we have made a specialty of the very highest grade of American grown cabbage seed. In our seed crops, every head of cabbage is most carefully inspected before it is allowed to produce seed for us. We know it is right. We have only one grade—the very best that can be grown—and the buyer of a 5 or 10-cent packet gets exactly the same quality as does the big trucker or market gardener buying in 50 to 100-pound lots. We play no favorites among our customers. We believe that the man planting a home garden for his family's use is entitled to just as good seed quality as is the market gardener who plants for market. If you want to be successful in growing cabbage, you must plant the right cabbage seed, and the Hastings' quality is exactly what will please you and pay you, the quality you want to plant this year.

CABBAGE CULTURE For home gardens the seed for early cabbage can be sown in boxes very early, kept in sheltered spots and covered when there is danger of freezes. Later plantings may be made in open ground as early as ground can be worked. Work soil in seed beds as fine as possible. Beds should be slightly raised for drainage. Do not fertilize soil in seed beds to make it any richer than the open ground in which the crop is to be grown.

Sow seeds in drills 6 inches apart across the bed, dropping the seed 5 or 6 to the inch. Thicker sowings than this means spindling, unhealthy plants. Cover seed about $\frac{1}{4}$ inch in heavy soils, $\frac{1}{2}$ inch in light sandy soils; firm the soil after covering and then water the bed thoroughly. Keep beds moist but not soaking wet. Seed germinates in 3 to 8 days, according to weather. The young plants should be kept growing steadily from the start. A check in the growth of cabbage is injurious. When plants have made the fourth or fifth pair of leaves transplant to open ground.

Cabbage can be grown on almost any soil from light sand to heavy clay or muck. Naturally the light soils will require more fertilizer or manure than the heavier ones. Most of the fertilizer or manure should be worked into the soil before transplanting. The best all-around commercial fertilizer for cabbage should contain: Available phosphoric acid 7 per cent, potash 8 per cent, nitrogen 5 per cent.

Most of the cultivation should be before the crop is planted. This means two to three deep plowings and then working the soil as fine as possible. You won't overfeed cabbage so you need not be afraid of putting too much manure or fertilizer on the crop.

Transplanting should be done, so far as possible, on cloudy days or just before a rain. In small gardens this can be done late in the afternoon. Set plants upright with only the leaves above the surface. Firm the soil around the plants. Cultivate frequently and very shallow, as the roots come near the surface. Keep out absolutely all weeds and grass. **Seed required:** In early spring plantings, one ounce of seed will usually produce about 2,000 plants; 4 to 5 ounces per acre. After hot weather comes two or three times as much seed is needed.

Hastings' Centennial Flat Dutch Cabbage (No. 110)

This cabbage during the last few years has made some wonderful records in Florida, Mississippi and Texas both from spring and fall plantings, and it will do the same for you. Hastings' Centennial Late Flat Dutch, the best main crop, heavy producing strain of Late Flat Dutch, is to cabbage growers what Hastings' Prolife is to corn growers. While we do not recommend it for an early cabbage, for main crop and late it is about the best you can plant. The only objection we ever heard is that on very rich ground it grows too large. This can be controlled by planting rather close in the row. Good for either spring or fall planting, being remarkably hardy, vigorous and resistant to both heat and cold. We sell more of this to cabbage growers for shipment in Gulf Coast sections than all other varieties combined. For home gardens, Centennial is unexcelled for later use after early varieties are gone. Its vigor makes it especially valuable to grow under unfavorable conditions. If you have planted it before you know this. If not, plant some this spring and see what real good cabbage is. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 75 cents; pound, \$2.50; postpaid.

Hastings Big 4 Cabbage Collection, 25c Postpaid

"Big 4" Finest Varieties

Four varieties: Sure Crop, Long Island Wakefield, Hastings' Genuine Surehead and Centennial Late Flat Dutch have been known for years as HASTINGS' "Big 4" and planted by tens of thousands of Southern gardeners. It has given an all season's supply of cabbage, early, medium and late for everyone who has planted it. At catalog prices these four packets of the best varieties would cost you 40 cents. We will send you these four packets for 25 cents, postpaid. In buying our "Big 4" Cabbage Collection you get the biggest and best bargain in cabbage seed ever offered by any seed house. Include it in your order this spring. If you don't want to plant all the varieties this spring the seed will be all right for summer and early fall planting. While our Centennial Late Flat Dutch and Surehead are both first-class for early spring planting they are equally good for summer and early fall plantings. You will make no mistake in ordering HASTINGS' "BIG 4" Cabbage Collection this spring. It is great value for the money and you can't get HASTINGS' SEEDS anywhere but direct from HASTINGS'. Don't wait, expecting to go up to your merchant at planting time and get them. They won't be there. HASTINGS' SEEDS are never put up in boxes to be sold in the stores. Buy direct from us in Atlanta. You will then know exactly what you are getting—the BEST.



Hastings' Centennial Late Flat Dutch Cabbage—The Greatest Cropper Known Among Cabbages

Just above on this page is shown an illustration from a photograph of a head of our Centennial Late Flat Dutch.

HASTINGS' NEW PERFECTION CABBAGE (NO. 124)



Hastings' Long Island Wakefield, the Best Early Pointed Cabbage of All

Hastings' Famous Long Island Wakefield Cabbage

(No. 105) Largest, earliest and surest header of all the larger Wakefield varieties. Earlier, larger and finer bred than other strains of Charleston Wakefield, $1\frac{1}{2}$ to 2 pounds heavier, firmer, better shaped and more solid than our selected Early Jersey Wakefield. In good soil and favorable weather conditions in the spring it is often ready for use in 50 days from transplanting. It is the right variety for those desiring the best pointed cabbage for shipment and it makes a splendid first early cabbage for home use. Packet, 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.75.



Hastings' Sure Crop—Our Largest Medium Early Flat Cabbage

This variety comes as near perfection for the South as any we have ever seen. An absolutely good variety originating with one of our growers, and for a second early or main crop cabbage it has no equal. Heads weigh from 5 to 8 pounds and are the firmest and most solid that you can grow, surpassing in this respect the Danish Ball Head. In maturity it is about the same as Surehead. A first-class variety for home use, market or shipment, and is entirely adapted to either spring or fall planting. Under good conditions this cabbage will prove itself to be what its name implies—absolute perfection, though it does need good conditions for best satisfaction. Packet, 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00; postpaid.

Florida Drumhead (No. 115)

Earliest and best of all the early Drumhead varieties for the South. Resists well both heat and cold. A short stemmed, medium early variety; grows compactly, and a favorite for market, shipment and home use; large head, well flattened on top. Don't think that the name implies its use only in Florida. It is the earliest and best Early Drumhead for all the Southern States. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 75 cents; pound, \$2.50; postpaid.

Hastings' Selected Early Jersey Wakefield (No. 106)

Early Jersey Wakefield cabbage has always been popular for a first early cabbage in the South. Our growers have worked with this variety for years and we now have a strain that is surpassed by none, regardless of price at which the seed is sold. If you are growing the Early Wakefield you need Hastings' strain of seed. Exceedingly hardy, resisting cold and other unfavorable conditions. Plants are compact, erect, slightly spreading and with few outer leaves that are smooth, thick and dark green. Heads are medium sized, very solid, uniformly pointed and of excellent quality. Packet, 10 cents; $\frac{1}{2}$ ounce, 20 cents; ounce, 30c; $\frac{1}{4}$ pound, 90c; pound, \$2.75.

Perfection Drumhead

Savoy (No. 103) Tenderest and finest flavored variety of cabbage. Does not head well in hot weather, hence should be planted in July and August for heading in fall and early winter. Packet, 10 cents; $\frac{1}{2}$ ounce, 20 cents; ounce, 30 cents; $\frac{1}{4}$ pound, 90 cents; pound, \$2.75.

Early Winningstadt

(No. 104) An old favorite medium early, very pointed cabbage. For home garden use only. Packet, 5 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50; postpaid.

Blood Red Erfurt (No. 117)

Best red cabbage for the South. Medium size and a sure heading variety. Most largely used for pickling purposes. Packet, 10c; $\frac{1}{2}$ ounce, 20 cents; ounce, 30 cents; $\frac{1}{4}$ pound, 90 cents; pound, \$3.00; postpaid.

HASTINGS' SURE CROP (No. 101) MEDIUM EARLY

Earliest of all the large, round, flat varieties. We have sold Sure Crop since 1893 in every Southern State and it is planted every year by more people than any other variety with the exception of our Genuine Sure Head. Adapted for both spring and fall plantings, for shipment, for nearby markets and home use. On good soil, with proper cultivation, the heads weigh from 8 to 12 pounds, very firm and solid, uniform in shape and size, well flattened on top. In quality it is most excellent, being crisp and tender and when rightly cared for scarcely a plant will fail to form a good, marketable head. Color a very dark green, holding up splendidly in shipment. Well adapted for spring planting in all parts of the South, except South Florida, where fall planting only is advised. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 75 cents; pound, \$2.50; postpaid.

HASTINGS' GENUINE SUREHEAD CABBAGE

(No. 120) We have sold tens of thousands of pounds of seed of this variety since 1902, and it is today the most popular variety for main crop that we catalog. Our special strain of Surehead never fails to make fine, large, solid heads with few outer leaves, as shown in our illustration. Surehead is the result of a cross between the Early Flat Dutch and a hardy Drum-head variety and has the good points of both combined. A strong, vigorous grower, maturing for main crop, and is very uniform in size, shape and color. Good for spring planting everywhere in the South and one of the best for late summer planting in the Central South and fall planting in the Lower South for maturing in winter and fall. It is hardy, a splendid keeper and good shipper. Invaluable for home garden and one of the best for market use. No Southern garden should be without some of our Surehead cabbage this spring. Packet, 10c; ½ ounce, 15c; ounce, 25c; ¼ lb., 75c; lb., \$2.50.

Steins Early Flat Dutch (No. 125)

Next to our Centennial Late Flat Dutch the most popular cabbage in South Texas and Gulf Coast sections for a market and shipping variety. This is a splendid strain of Flat Dutch cabbage, just a little later than other Early Flat Dutch varieties, just a little earlier than Centennial. For best results a trucker should divide his crop between the two, for it will insure a longer shipping season, the Centennial immediately following Steins in maturity. Packet, 5 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, \$2.50; postpaid.

Charleston Wakefield (No. 107) Similar to the Early Jersey Wakefield, about two weeks later in maturing and weighs about one pound more to the head. Packet, 10 cents; ½ ounce, 20 cents; ounce, 30 cents; ¼ pound, 90 cents; pound, \$2.75; postpaid.

Premium Late Flat Dutch (No. 119)

A variety similar to our Centennial Flat Dutch, but not quite so firm and solid in heading. An old favorite in many parts of the South. Packet, 5 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, \$2.50; postpaid.

North Carolina Buncombe (No. 102) A firm, solid header. A splendid keeper and favorite winter and spring cabbage in the Carolinas. Packet, 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

All Seasons (No. 100) A favorite which we have greatly improved in the past few years. A reliable header, resisting heat and drought well and valuable for spring planting. Packet, 5 cents; ½ ounce, 15c; ounce, 25c; ¼ pound, 75c; pound, \$2.50; postpaid.

Early Summer (No. 122) Early, flat cabbage coming in 10 days to two weeks later than the Jersey Wakefield. Uniform in size and shape, also flattened and solid. Packet, 5 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, \$2.50; postpaid.

Danish Ball Head (No. 111) A handsome hardy, late cabbage, making medium-sized, very hard heads. A splendid cabbage to plant for late maturity. The only objection that can be raised to this variety is the irregular character of growth of the plant, which, however, does not seem to effect its valuable, hard-heading qualities. Delicious. Packet, 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$3.00; postpaid.

All-Head Early (No. 121) The illustration on the right of All-Head was reproduced from a photograph of a single head of this variety grown by one of the market gardeners near Atlanta. You will agree with us that it is a head of cabbage hard to beat. All-Head Early is an early flat head variety, a sure header with half a chance and well named "All-Head" on account of its few outer leaves. One week earlier than the famous Early Summer and is the finest in existence for a medium-sized flat, early cabbage. We receive unsolicited testimonials from all over the South each year praising All-Head Early. The fact that so many market gardeners plant it every year should convince every cabbage planter that it is a cabbage worth planting for sure returns here in the South. Packet, 10 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ lb., 75c; lb., \$2.50; postpaid.



Hastings' Genuine Surehead Cabbage

Succession (No. 116) Long a favorite with Southern market gardeners and shippers. A good second early, following in maturity varieties like our All-Head Early and Sure Crop, and is a splendid general-purpose cabbage for both spring and fall planting. Medium to large size, solid and a reliable header. One of our biggest sellers and you will do well by planting it. Packet, 5 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, \$2.50; postpaid.

Mung Beans For a forage and hay crop for all kinds of stock, grain crop for poultry and for the greatest soil improver of the ages plant Mung Beans. This wonderful new crop is by far better than cowpeas, soja beans and velvet beans in growth and soil improving qualities and is the easiest and quickest seed of any crop to germinate. See Pages 86 and 87.



Single head of Hastings' famous "ALL-HEAD EARLY", grown near Atlanta, Ga., by a market gardener, from Hastings' "PREMIER BRAND" Cabbage Seed—You can do likewise with Hastings' Cabbage Seed if you will plant them on your place.



Chinese Cabbage—Pe Tsai

CHINESE CABBAGE—PE TSAI (No. 126)

Finest in Flavor and Quality of All Cabbages Hundreds of car-loads of Chinese Cabbage are being shipped to Eastern markets and it has an all-year-round market sale. There are several varieties of Chinese Cabbage and two rather distinct types. The cabbage from southern China, Wong Bok, has a loose, long-leaved form. The people want the straight, short-leaved variety, the true Pe Tsai from the northern districts of China. It makes a solid head, as shown in the illustration, with few outer leaves, and is the desirable type to plant for market or home use. It is extremely productive, makes an attractively blanched head and is far superior and in greater demand than that previously grown for the East as celery cabbage. Our seed stock is the finest to be found in America, the best strain of Chinese Cabbage, the true Pe Tsai. It resembles Cos Lettuce more than Cabbage. The inner leaves blanch creamy white and have almost a sweet flavor, very mild and pleasant. Serve as a salad or cook like asparagus. The leaves have very large, tender midribs that are delicious. Try some this season. Plant very early, for your home garden, anywhere in the South. Packet, 10 cents; ½ ounce, 20 cents; ounce, 35 cents; ¼ pound, \$1.00; pound, \$3.50; postpaid.

CHERVIL, Curled (No. 131) Hardy annual with aromatic leaves resembling Parsley but considered superior to it. Use the young leaves for flavoring soups and for garnishing meats and vegetables. Our Chervil is finely curled, double, early maturing and with fine fragrance and flavor. Sow very early in spring in good soil. Seed is very slow to start but plants are ready to use in 6 to 10 weeks from sowing. Thin or transplant to a foot apart when 2 inches high. Packet, 10 cents; 3 for 25 cents.

CRESS, Water (No. 133) Delicious small salad plant that should be grown wherever possible. Sow seed shallowly in gravelly or mucky soil along small streams or brooks. It does best when roots and stems are slightly under water along flowing streams but will grow in wet soil or in tubs with water-covered soil. Plants increase rapidly and need no culture after planting. Cut shoots often, especially in summer for better growth and the finest salad. Packet, 10 cents; ounce, 40 cents; ¼ pound, \$1.25.

Cress, Extra Curled or Imp. Pepper Grass (No. 132) For garnishing; leaves frilled and curled. Also eaten with lettuce for its warm, rather pungent taste. Grows rapidly a foot high and is a good salad plant. Plant seed every couple weeks in spring, summer and fall in good soil as plants soon run to seed. Packet, 10 cents; ounce, 15 cents; ¼ pound, 40 cents.

CORN SALAD OR FETTICUS (NO. 194)

a good substitute for lettuce or spinach. Doesn't do well in hot weather so plant early as possible in spring. Ounce plants thirty feet of row. Packet, 10 cents; ounce, 15 cents; ¼ pound, 50 cents; postpaid.

ENDIVE Early Green Curled (No. 193) Endive is one of the finest and best salads grown and also makes beautiful garnishing, splendid "greens" and fine flavoring for stews and soups. Every home garden should have Endive, both in spring and fall. Southern people don't know Endive very well or it would be very popular. It attracted more attention than any other vegetable growing in the Hastings' Garden Exhibit at the Great Southeastern Fair last fall. Plant seed in early spring or fall in shallow drills about 18 inches apart and thin plants to a foot apart. When nearly grown and dry, leaves may be tied up over the center so to blanch the heart of the plant. Cover fresh plants every few days for a succession of the finest and most attractive salad plants you ever grew.

Our strain of Endive is hardy, vigorous growing, with bright deep green finely divided leaves that blanch to a rich cream color. It is the best for home and market use. Packet, 10 cents; ounce, 15 cents; ¼ pound, 50 cents; pound, \$1.50; postpaid.

CAULIFLOWER Plant Cauliflower this year and grow just as fine heads as city markets charge 30 to 50 cents a head for. It is almost as easy to grow as Cabbage and very easy to tie up the outer leaves over the heads to keep the "curd" white, firm and tender.



Hastings' Gilt Edge Cauliflower—Best Early Cauliflower for South

CULTURE—Cauliflower should be planted in the South in very rich or well-manured soil. In the spring it should be planted in this latitude very early, but really does better planted in June and July for maturity during the fall months. Sow in seed beds in the same manner as cabbage. Transplant when 4 to 5 inches high and give an abundance of water in dry weather. Soil should be kept moist and cultivated thoroughly and often. In Florida and along the Gulf Coast sow seed in September, October and November. In early spring or late fall one ounce of seed will make 2,000 to 2,500 plants. For warm weather sowings double that quantity of seed will be required. Early varieties, as Gilt Edge and Snowball, mature in about 110 days. Late varieties in 140 to 150 days.

Gilt Edge Cauliflower (No. 85) Largest, most perfect and surest header of all early varieties, and in quality it is unexcelled. One specimen head sent to our store weighed 7 pounds and 8 ounces. In general appearance like Snowball, but a surer header. Packet, 25 cents; ½ ounce, 75 cents; ¼ ounce, \$1.25; ounce, \$2.25; ¼ pound, \$8.00; pound, \$30.00; postpaid.

Early Snowball (No. 86) An early variety, second only in value to Gilt Edge. Packet, 20 cents; ¼ ounce, 65 cents; ½ ounce, \$1.15; ounce, \$2.00; ¼ pound, \$7.50; pound, \$28.00; postpaid.

Extra Early Paris White (No. 87) Fine variety for family gardens. Heads medium size. Packet, 10 cents; ½ ounce, 60 cents; ounce, \$1.00; ¼ pound, \$3.00; postpaid.

Le Normand's (Short Stem) (No. 88) Large, late short-stemmed variety with very firm heads. Packet, 10 cents; ½ ounce, 60 cents; ounce, \$1.00; ¼ pound, \$3.00.

Large Late Algiers (No. 89) A very large late maturing, yet heat resisting variety. Especially recommended for May and June plantings to mature in October and November for late fall and early winter use. Packet, 10 cents; ½ ounce, 60 cents; ounce, \$1.00; ¼ pound, \$3.00.

Autumn Giant (No. 90) A favorite late variety. Packet, 10 cents; ½ ounce, 60 cents; ounce, \$1.00; ¼ pound, \$3.00; postpaid.

HASTINGS' CARROT SEED

CARROTS ARE AN EXCEEDINGLY WHOLESOME
VEGETABLE

Culture Carrots deserve a more general cultivation in the South. The young, tender roots are excellent stewed or boiled, either alone or with meat, as well as for seasoning and for flavoring soups. Select rich or well manured soil worked deep, because this is a deep rooted crop and the soil should be prepared deep enough to allow the roots to penetrate the soil without difficulty. Sow in shallow drills, 16 to 18 inches apart in early spring when leaves are starting out. In Florida and along the Gulf Coast sow seed from September to December. Make several sowings about two weeks apart so you will have a succession crop. When plants are well started, thin out to four inches apart in the row. Cultivate frequently; keep ground free from weeds and grass. Sow 1 ounce of seed to 100 feet of row.

Chantenay (No. 65) Half-long. This beautiful stump-rooted variety we consider the best of its class. It's a half-long sort unexcelled in quality and productiveness. Very uniform in growth. Flesh deep golden orange color. Roots 3 inches in diameter at top, about five inches in length, gradually tapering in a very symmetrical manner to the base. Packet, 5 cents; ounce, 10 cents; ¼ pound, 30c; lb., \$1.00.

Red St. Valery (No. 67) See illustration on the left. Roots very smooth and regular in growth, of large size, from 10 to 12 inches in length, and from 2 to 3 inches in diameter at the top, tapering gradually throughout. Rich, deep coloring, and free from hard core. Sections subject to drought. Packet, 5 cents; ounce, 10 cents; ¼ pound, 30c; lb., \$1.00.

Half-Long Scarlet (No. 71) A favorite with market gardeners and for home use. Bright scarlet color and of fine flavor. Packet, 5c; ounce, 10c; ¼ lb., 25c; lb., 75c.

Danvers Intermediate (No. 68) Bright orange color, very smooth and finely formed. Produces more weight to the acre than any other half-long variety. Packet, 5 cents; ounce, 10 cents; ¼ pound, 25 cents; lb., 75c.

Improved Long Orange (No. 69) Old, well-known variety. Roots long and of a deep rich orange color. A very heavy cropper, so heavy, in fact, that it is profitable to grow for stock feed, while in quality it is a table carrot. Packet, 5 cents; ounce, 10 cents; ¼ pound, 25 cents; pound, 75 cents.

Oxheart or Guerande (No. 66) See illustration above. This fine variety is the best of the shortened, thick-formed carrots. Roots are four inches wide at top and taper to a 2-inch diameter at bottom. Length from five to six inches. Roots are very free from hard core and of the finest quality for table use. Both skin and flesh are highly colored. Being very short they are easily pulled from the ground, where the long sorts often have to be dug. Packet, 5 cents; ounce, 10 cents; ¼ pound, 25 cents; pound, 75c.

Large White Belgian Carrot (No. 70) The value of root crops for stock is just beginning to be appreciated in the South. One of the most valuable is the Belgian Carrot, an immense cropper, having produced as high as 20 tons of roots per acre. In the Central South they are easily kept for feed all through the winter, while in the Lower South they can be left in the ground all winter and pulled as needed. The use of carrots in connection with dry feed helps keep the animals in good condition and in milk or dairy-cattle the flow of milk is largely increased. One thing must be remembered when large crops are wanted, and that is the crop must be matured during October and November. To do this seed should be sown from April 25th to June 1st in shaded beds, the transplanting about August first. Celery seed is very small and at time of year noted above, the seed should be scattered thinly on the surface, then barely covered with finely sifted soil, not covering over a quarter inch. Keep bed well moistened but not soaking wet. Transplant to open ground when about 6 inches high and set 6 to 8 inches apart in the row. As plants grow keep hilling up to bleach. 1 ounce of seed makes 5,000 or more good plants.

For Stock Feed Only The value of root crops for stock is just beginning to be appreciated in the South. One of the most valuable is the Belgian Carrot, an immense cropper, having produced as high as 20 tons of roots per acre. In the Central South they are easily kept for feed all through the winter, while in the Lower South they can be left in the ground all winter and pulled as needed. The use of carrots in connection with dry feed helps keep the animals in good condition and in milk or dairy-cattle the flow of milk is largely increased. One thing must be remembered when large crops are wanted, and that is the crop must be matured during October and November. To do this seed should be sown from April 25th to June 1st in shaded beds, the transplanting about August first. Celery seed is very small and at time of year noted above, the seed should be scattered thinly on the surface, then barely covered with finely sifted soil, not covering over a quarter inch. Keep bed well moistened but not soaking wet. Transplant to open ground when about 6 inches high and set 6 to 8 inches apart in the row. As plants grow keep hilling up to bleach. 1 ounce of seed makes 5,000 or more good plants.

HGH
©

Red St. Valery Carrot

must be fed with manure or commercial fertilizers. Sow in drills 3 feet apart, using 4 pounds of seed per acre. When well up, thin out the plants to 6 inches apart. They should be grown on land that has been previously cultivated and worked deeply. Packet, 5 cents; ounce, 10 cents; ¼ pound, 20c; pound, 60c; postpaid. Ten-pound lots or over, not prepaid, 45 cents a pound.

CELERY

Celery needs comparatively cool weather for proper maturity and should be sown from April 25th to June 1st in shaded beds, the transplanting about August first. Celery seed is very small and at time of year noted above, the seed should be scattered thinly on the surface, then barely covered with finely sifted soil, not covering over a quarter inch. Keep bed well moistened but not soaking wet. Transplant to open ground when about 6 inches high and set 6 to 8 inches apart in the row. As plants grow keep hilling up to bleach. 1 ounce of seed makes 5,000 or more good plants.

GOLDEN SELF-BLANCHING (No. 77) A variety for market gardeners. Any but French grown seed of this variety is worthless. We have imported seed direct from originator. Packet, 10 cents; ½ ounce, 60 cents; ounce, \$1.00; ¼ pound, \$3.25; pound, \$12.00. Price has been as high as \$25.00 a pound.

Savannah Market (No. 78) Our finest variety for general planting in the South on the lighter classes of both sandy and clay soils. Strong, vigorous grower and will make a large crop where other sorts fail altogether. Large, solid and of first-class flavor. Stalks when well blanched are clear white and centers are light golden yellow. When quickly grown it is crisp and tender, making a fine appearance in market. Not recommended as a market variety for shipping from Florida. Packet, 10c; ounce, 20c; ¼ pound, 65c; pound, \$2.00.

Mexican Solid Celery (No. 80) Stalks rounded, crisp and solid. Its flavor is fully equal to that grown in the famous Kalamazoo (Michigan) celery district, having the rich, nutty flavor so desirable in celery. Packet, 10 cents; ounce, 20 cents; ¼ pound, 65 cents; pound, \$2.00.

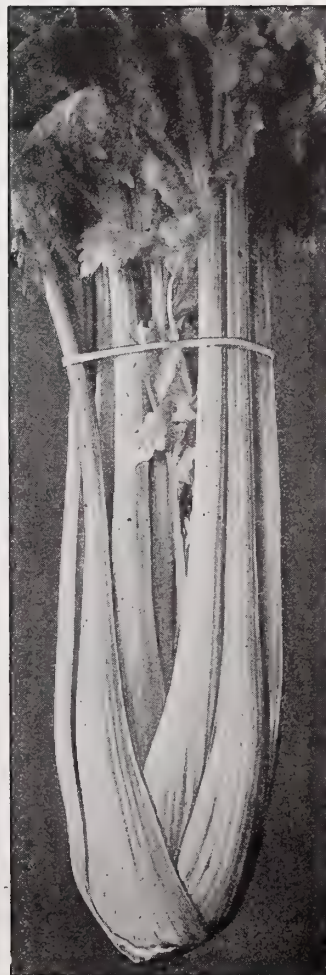
White Plume (No. 76) -- Giant Pascal (No. 79) Old, well-known varieties, preferred by many planters. Packet, 10 cents; ounce, 20 cents; ¼ pound, 65 cents; pound, \$2.00.

CELERIAC (No. 75) or Turnip Rooted Celery. It is mostly used for flavoring. Cultivate the same as for celery except that it requires no hilling up. Packet, 10 cents; ounce, 20 cents; ¼ pound, 65 cents.



Oxheart or Guerande Carrot

A favorite with our customers, especially in ¼ pound, 25 cents; pound, 75 cents.



Savannah Market Celery

Best Cucumber Seed

Culture Cucumbers are very tender and should not be planted until ground becomes warm. If planted earlier than this they should be protected. Plant in hills 4 feet apart each way. Where well-rotted manure is obtainable work a large shovelful of it into each hill. Plant 8 to 10 seeds in each hill and when plants are well up and have rough leaves formed, thin out to 4 in each hill. Cover seed $\frac{1}{2}$ inch in clay and heavy soils and 1 inch in light or sandy soils. Soil which covers seed should be worked down fine. Keep plants well cultivated up to the time they begin to run; after that confine cultivation to pulling out any large weeds that appear. Pick the cucumbers as soon as large enough for use, for if left to ripen the plants soon cease bearing. Seed required: One ounce to 60 hills; about two pounds per acre.

Hastings' White Spine (No. 180) Finest Extra Dark Strain

In the Hastings' White Spine we have obtained a deep, dark color, one that will be entirely satisfactory to anyone wanting a dark green White Spine variety, a dark green that will hold for days after the cucumbers reach markets in Northern cities. In color it is just right; it is the earliest; cucumbers average good size and under good cultivation produce few or no imperfect fruits. Skin is hard; holds up extra well in shipping. It is crisp and tender and retains its fresh, plump appearance long after being gathered. It has the good points that a cucumber should have and will be found perfectly satisfactory for market and home gardeners and a source of profit to the trucker who ships. Packet, 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.25; postpaid. Ten pounds, not prepaid, \$1.00 per pound.

Improved Long Green (No. 181)

An old-time favorite in the South; fruits extra long and of good size, holding their dark green color until well matured. Crisp, tender and free from bitterness; fine for slicing. When 3 to 4 inches long they make an especially fine pickling cucumber. Good for planting at all seasons from early spring to late summer. Packet, 5 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.25; postpaid. Ten pounds or over, not prepaid, \$1.00 per pound.

Early Fortune Cucumber (No. 175)

Used extensively by many in Florida for Northern shipping. Of dark green color which holds for many days after picking. Early Fortune does not show up white color before maturing, as do most of the old strains of the White Spine. Stays plump and fine looking for days after reaching markets North. Has the right shape, has a regular growth and carries a dark green color seldom found in cucumbers. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25; postpaid. 10-lb. lots or over, not prepaid, \$1.00 per lb.

Chicago Pickle (No. 183)

The standard variety grown for pickling purposes. While they can be used when full grown for slicing, yet it is pre-eminently a pickling variety, its small size, dark green color and immense productiveness making it a favorite for that purpose. The pickling factories usually insist on this variety for uniform sized pickling work. Packet, 5 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.25; postpaid.

Japanese Climbing Cucumber (No. 185)

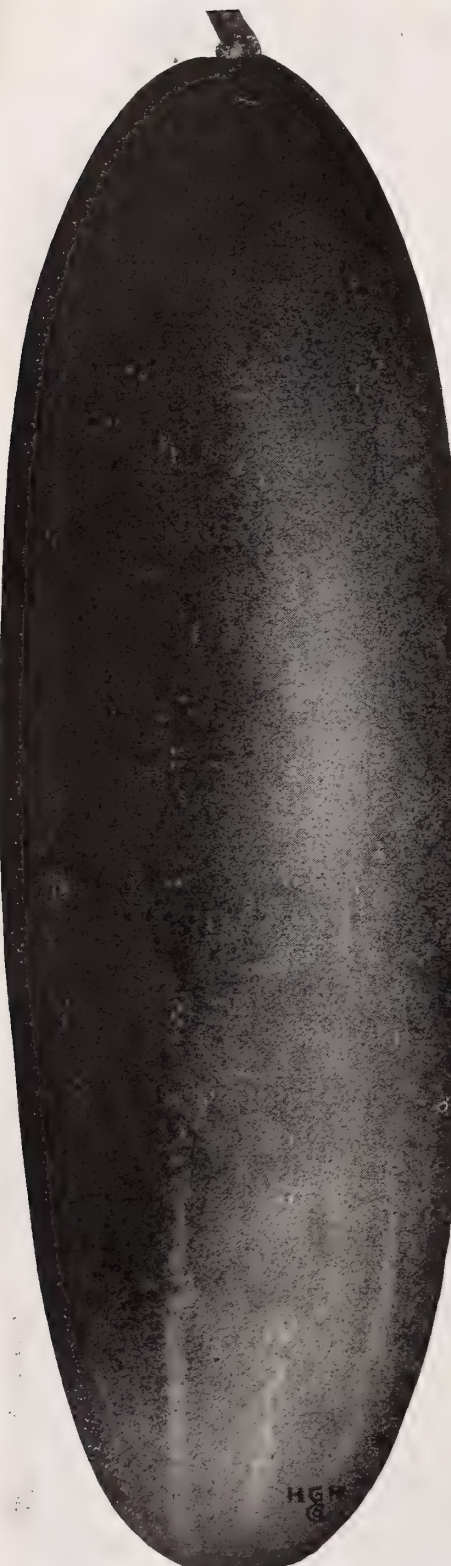
The vines attain twice the length of common varieties. Young plants are bushy, but as soon as they are well established begin to throw out runners and climb, so may be grown on fences, poles or trellises, thus saving much valuable space in small gardens. Fruits 10 to 12 inches in length, of fine green color; flesh is thick and firm, never bitter, a superb variety for slicing. When young, makes fine pickles. Very prolific; fruits are raised well above the ground so seldom suffer from wet weather or insects. Vines are almost mildew-proof and continue in bearing until late in the season. Notice our illustration of this wonderful climbing cucumber. Plant some this year. Packet, 10c; ounce, 20c; $\frac{1}{4}$ pound, 50c; pound, \$1.50; postpaid.

Giant Pera (No. 176)

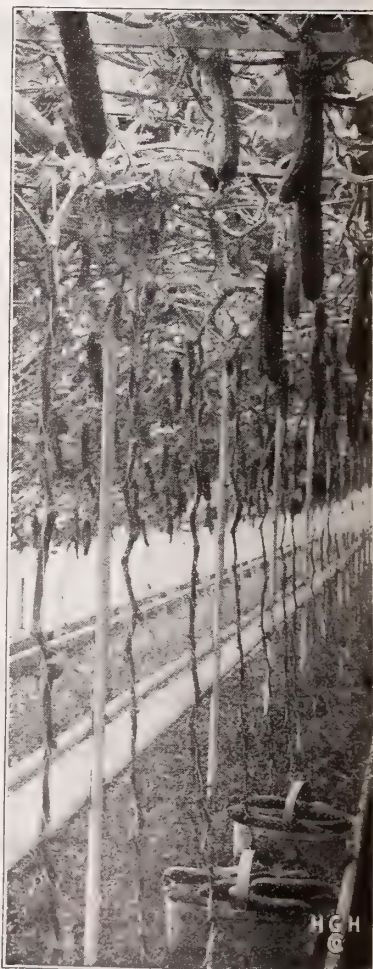
Extra large and distinct variety from Asia. Fruits sometimes 15 to 20 inches in length. Skin very thin and the flesh is unusually thick, yet it produces very few seeds. Color light green with smooth skin. For home gardens only, as it does not stand shipment. Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.50; postpaid.

Gherkins (No. 187)

Small fruited, 2 to 3 inches long, well rounded and covered with small spines. For pickling only. Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 65 cents; pound, \$2.00; postpaid.



The Finest Cucumber on Earth—Hastings' White Spine Cucumber For Market Gardeners, Shippers and Home Use



Japanese Climbing Cucumber (No. 185)

For Home Garden or Market Use

Our Everbearing Cucumber (No. 186)

This variety is entirely distinct from all others on account of its close, bushy growth and everbearing character as shown in our illustration. The first cucumbers are ready very early and the vines continue to flower and produce fruit continually until late in the season, whether the ripe cucumbers are picked off or not, differing in this respect from all other varieties of cucumbers in cultivation. A single vine will show at the same time cucumbers in every stage of growth, the smaller ones being perfect in shape, of a fine green color, just the right size for pickling. As they grow larger they are entirely satisfactory as a slicing cucumber. **Packet, 10 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, \$1.25; postpaid.**



A Single Plant of HASTINGS' Everbearing Cucumber

Lemon Cucumber

A most distinct, desirable and useful garden novelty, easily grown. For description and illustration see top of page 20.



DAVIS PERFECT CUCUMBER—PROLIFIC FAVORITE WITH TEXAS AND FLORIDA GROWERS

Davis Perfect Cucumber

(No. 179) An almost ideal cucumber in shape; rich dark green color; it is uniform and regular in size; exceedingly tender and as a slicing cucumber for the table is really delicious. This is a favorite with shippers in some parts of Florida and Texas. It is almost seedless one-third of its length from the stem end, and the seeds that are contained in it when in slicing condition are so small and tender that they are almost unnoticeable. It is an exceedingly prolific variety. **Packet, 10 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, \$1.25; postpaid. Not prepaid, 10 lbs. or over, \$1.00 per lb.**

Early Green Cluster Cucumber (No. 178)

A standard, well-known variety. Good for both slicing and pickling. This is a mighty fine home garden cucumber that gives great satisfaction and is very popular. **Packet, 5 cents; ounce, 10 cents; ¼ pound, 30 cents; pound, \$1.00; postpaid.**

Early Frame Cucumber

(No 182) Old-time well-known and popular early variety for home gardens. Medium size, good for slicing and excellent pickling variety. For home use and nearby markets only. **Packet, 5 cents; ounce, 10 cents; ¼ pound, 30 cents; pound, \$1.00; postpaid.**

THE KLONDIKE CUCUMBER—ONE OF OUR VARIETIES THAT ALWAYS STAYS GREEN

The Klondike Cucumber (No. 184)

(Hastings' Special Strain)—When the Klondike was first introduced we were much impressed with many of its good points, but it was so irregular in growth that we did not care to catalog it until we had bred it up to a satisfactory condition. Our special strain of Klondike which we now have is very regular in size, color and growth and will be sure to please you. It's a very attractive dark green variety; with a green that stays for days after being picked and shipped. Cucumbers are from 7 to 8 inches long; 2 to 2½ inches in diameter; very regular in size and shape; extra early; very crisp and unsurpassed for slicing. It makes excellent pickles when young. Very hardy and prolific and a sure cropper. **Packet, 5 cents; ounce, 15c; ¼ pound, 40c; pound, \$1.25; postpaid. Ten-pound lots or over, not prepaid, \$1.00 per pound.**

TAKE FULL ADVANTAGE OF OUR FREE FLOWER SEED OFFER ON INSIDE FRONT COVER PAGE.

LEMON CUCUMBER (No. 174)

This is one of the most pleasing and easily grown novelties that has appeared in years. A delicious, lemon-shaped and colored cucumber of finest flavor and texture. General appearance, except as to color, shown in our illustration. Exceedingly prolific and a most delightful variety for your home garden. Fine for slicing and making salads or can be eaten like a radish.

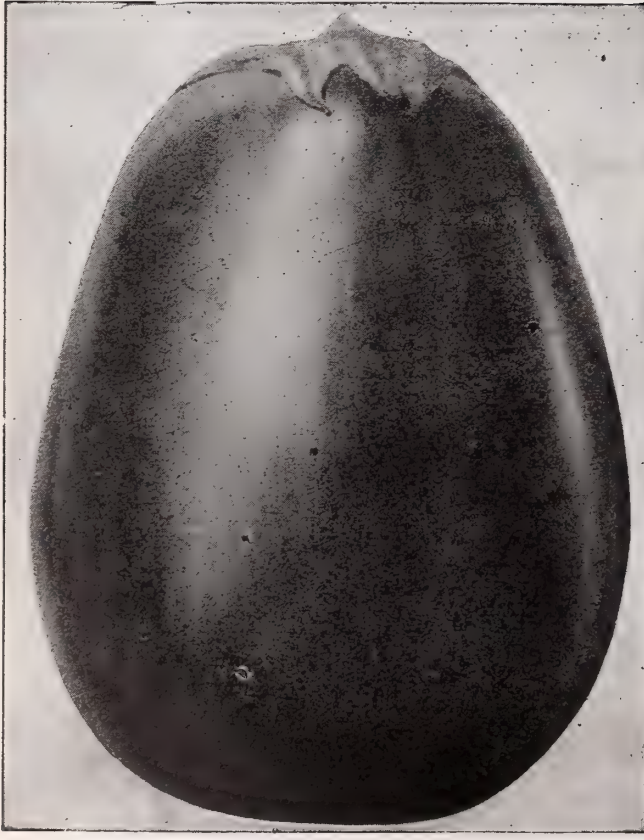
Lemon Cucumber has won its way as a great favorite wherever it has been grown. It can also be used for pickling and it is considered the finest in flavor of all Cucumbers. **Packet, 10 cents; ounce, 20 cents; ¼ pound, 65 cents; pound, \$2.00; postpaid.**

Eggplant Culture

In the Lower South seed should be sown in hot beds or frames in January or February. In the latitude of Atlanta hot beds should be started between February 15th and March 15th. Great care should be taken as eggplant will not germinate freely in an average temperature less than 65 degrees. When plants have made the fourth or fifth pair of leaves they may be set in open ground, if danger of frost is past, placing them 3 feet apart each way. Cultivate often, keeping free from weeds and grass. In June and July seed can be planted in Florida for fall and early winter shipping crop. One ten-cent packet of seed will furnish plants for about 200 feet of row. For market plantings use ½ pound of seed per acre. Matures in about 120 days.



One Plant of Hastings' Lemon Cucumber—Finest in Flavor



Hastings' Improved Large Purple Thornless Eggplant

EGGPLANT

Hastings' Eggplant is the finest that can be grown. It is becoming very popular in home gardens, especially as it is a good substitute for meat. When cooked in fat it has a fine food value and mighty good to eat when sliced, rolled in beaten egg yolk and bread crumbs, seasoned and fried. Also is fine to stuff.

Hastings' Improved Large Purple Thornless Eggplant (No. 190)

Standard variety for all parts of the South for home use or shipment. We have sold this Large Purple since 1897, and there is no strain of eggplant sold by any house that is superior to it. Fruits are splendidly and evenly colored with rich, dark purple and 90 per cent or more of the plants are thornless. In no crop do we exercise more care than with this variety. In a properly cultivated crop, streaked or off-colored fruits are almost unknown. Plants are strong, vigorous growers, producing from 5 to 8 large fruits of dark, rich purple color. Earliest of large fruited varieties and always gives satisfaction under proper cultivation. The vigor and strength of this variety make it less subject to effect of "blight" and "dieback", which is so disastrous to this crop in many parts of Florida. Practically all seed houses list some so-called "Spineless Eggplant" and claim it to be absolutely free from spines, but such is not the case. All so-called spineless eggplants have some spines but Hastings' Improved has less than any other. **Packet, 10 cents; ½ ounce, 20 cents; ounce, 35 cents; ¼ pound, \$1.25; pound, \$4.00; postpaid.**

Florida High Bush (No. 189) Desirable for home gardens and nearby markets. "Eggs" are borne higher off the ground, which is advantageous against "rot" and "blight." Plants strong, prolific, and of very fine quality; best for slicing. Dark purple in color, uniform in size and shape, thin skin and no waste in solid flesh. **Packet, 10 cents; ½ ounce, 20 cents; ounce, 35 cents; ¼ pound, \$1.25; pound, \$4.00; postpaid.**

GOURDS, One Packet of Each, 25c

Nest Egg (No. 197) Small white-fruited variety; makes splendid durable nesteggs. Do not plant in too rich soil because the fruits will grow too large. Do not plant any kind of gourd near squash or pumpkin. If they cross it makes the others bitter. **Packet, 10 cents.**

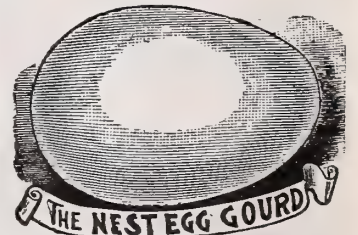
Dipper Gourd (No. 198) The variety from which the old-fashioned long-handled dippers are made. **Packet, 10 cents.**

Sugar Immense gourd that can be made generally useful. With the neck sawed off can be used for buckets, baskets, nests, water dishes for poultry, etc. **Packet, 10 cents.**

Trough (No. 195) The sponge-like interior is fine for dish-cloths or to use in place of sponges. **Packet, 10 cents.**

The Dish-cloth (No. 196) The variety from which the old-fashioned long-handled dippers are made. **Packet, 10 cents.**

GOURD COLLECTION—One packet each of these four useful



Gourds, 25 cents, postpaid.

KOHL-RABI, Early White Vienna (No. 202)

Bulbs grow to the size of an apple when ready for use, and are of a pale, whitish green color. They are hardy and can be sown in drills as soon as the ground can be worked in the spring, and with successive sowings you can have nice, tender bulbs all through the summer and fall. When well started, set out as cabbage plants, and for table use gather bulbs while skin is tender, slice, and cut off the hard lower portion. Bulbs are of very mild, delicate, cabbage-like flavor, most delicious. You will relish having them on your table. **Packet, 10 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, \$2.50; postpaid.**



Early White Vienna Kohl-Rabi

Hastings' Sweet and Roasting Ear Corn

Culture The grains of sweet corn are shriveled and rather tender and cannot be planted quite as early as field varieties. Leaves on trees should be well out and the ground warm before planting. Make hills $2\frac{1}{2}$ to 3 feet apart each way, dropping 5 or 6 grains in each hill, thinning out afterwards to 2 or 3 stalks to the hill, according to the richness of your soil and moisture.

A continuous supply can be kept up by planting early, medium and late varieties at one time, or by making several plantings at intervals of 15 days. **Seed required: One pound to 200 hills, about 14 pounds (1 peck) per acre.**

Truckers Favorite (No. 150) Not truly a sweet corn but

100-Day Corn if you want the finest "roasting ears" on your table in 65 to 85 days, 100 days to maturity, this is your variety. This makes a good sized ear of beautiful market and table appearance. One to two 8-inch ears per stalk; white, deep grains, sweet and exceptionally tender; perfectly formed ears. This corn is earlier than Adams Early and is particularly valuable to plant very early or very late, as it is very hardy against cold and heat. In Atlanta, Truckers Favorite always brings much better prices than others for roasting ears. **Packet, 10c; pound, 30c; 2 pounds, 45c; postpaid. Not prepaid: 14 pounds (peck), \$1.00; 56 pounds (bushel) \$3.50.**

Adams Large Early (No. 154) Similar to Adams Extra Early but ten days later, and has much larger ears. Adams Early is very hardy and can be planted earlier than sweet corns. Has small stalk and can be planted close. More valuable for the market than for home gardens as it lacks fineness of flavor found in sweet varieties. Give the best cultivation and rich soil. **Packet, 10c; lb., 30c; 2 lbs., 45c; postpaid. Not prepaid: 10 lbs. or over, 10c per pound.**

Yexo Sugar, Earliest Large Sweet Corn (No. 151) Earliest true sweet corn for Southern plantings. Our own introduction, combining earliness and productiveness with fine flavor. Produces 2 to 3 medium-sized ears to each stalk, the ears being well filled with tender sweet corn. We recommend Yexo very highly to those who wish to combine earliness with best possible quality. Look at the illustration. **Packet, 10c; lb., 30c; 2 lbs., 50c. Not prepaid: 10 lbs. or over, 15c per pound.**

Country Gentleman (No. 152) The finest quality variety of all the mid-season sorts of sweet corn grown in this country. Makes 2 to 3 good sized ears to the stalk on rich ground. Grains small, much shriveled, but very deep. Quality unexcelled and no garden should be without a few rows. Just boil and spread a little butter on. It will make your mouth water. **Packet, 10c; lb., 30c; 2 lbs., 50c; postpaid. Not prepaid: 10 pounds or over, 15c per pound.**

Evergreen Golden Bantam (No. 168) This new variety we were very glad to introduce to the trade. It is a cross between Stowells Evergreen and Golden Bantam. Lighter in color than Golden Bantam but holds its most delicious flavor and adds the larger and better ears of Stowells Evergreen. Read the description under these two sweet corns and you have Evergreen Golden Bantam. We believe it is the finest sweet corn ever offered. **Packet, 10 cents; pound, 30 cents; 2 pounds, 50 cents; postpaid. Not prepaid: 10 pounds or over, 15 cents per pound.**

Golden Bantam (No. 167) A superb early sweet corn. For an extra early has a flavor all its own. Two ears to each stalk; ears six inches long and eight rows of grain. Golden Bantam is in a class by itself. **Packet, 10c; lb., 30c; 2 lbs., 50c; postpaid. Not prepaid: 10 pounds or over, 15c per pound.**

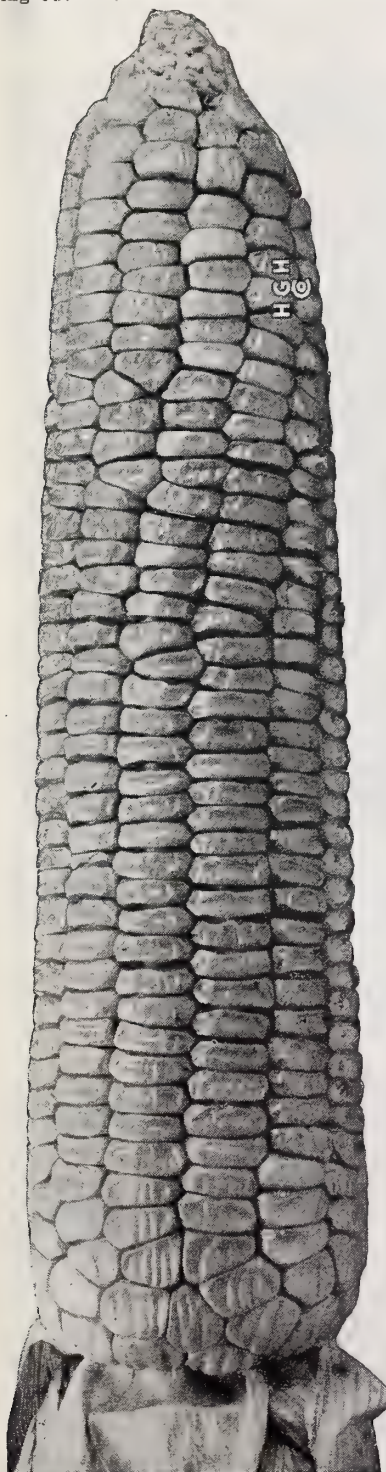
Stowells Evergreen (No. 153) The standard main crop variety. Ears of large size, long and well filled. Under good cultivation produces three ears to stalk. Stalks large and strong, grains of good size, long and deep; cob small and slender. Holds in good eating condition longer than any other and adapted to all the South. **Packet, 10c; lb., 30c; 2 lbs., 50c. Not prepaid: 10 lbs., or over, 15c lb.**

Black Mexican (No. 156) A late, dark-grained variety of finest flavor for home use. While its color is a little objectionable this is more than made up by the fact that it is less subject to attack of bud worms than other varieties. **Packet, 10c; lb., 30c; 2 lbs., 50c; postpaid. Not prepaid: 10 pounds or over, 15 cents per pound.**

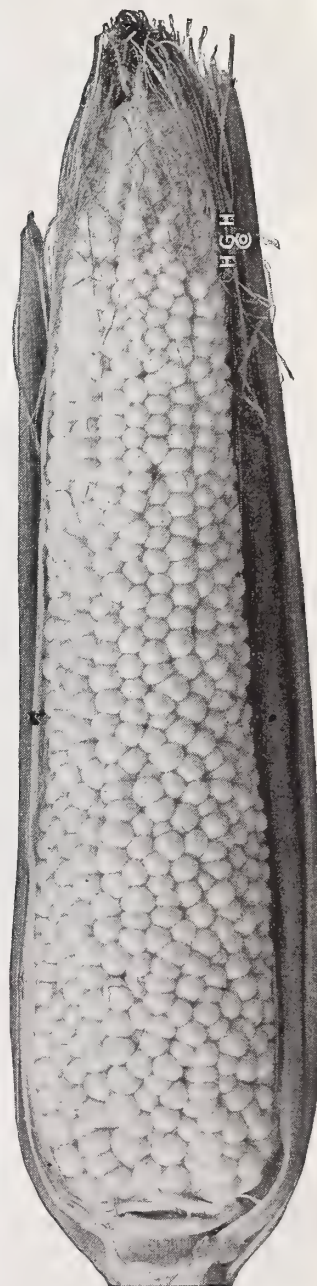
Popcorn--Monarch White Rice (No. 160) Give the children a chance to have corn to pop during the long winter evenings. White Rice has white, large pointed grains that pop nicely, and it is the best white variety. **Packet, 10c; lb., 30c; 2 lbs., 50c; postpaid. In quantity, not prepaid, 12c a lb.**

Popcorn--Golden Queen (No. 161) This variety has large yellow grains that pop nicely and it is the standard yellow popcorn for the South. Popcorn planted thickly also makes a fine feed for stock, many preferring it to sorghum. **Packet, 10c; lb., 30c; 2 lbs., 50c; postpaid. In quantity, not prepaid, 12c a lb.**

Hastings' Prolific (No. 140) A splendid variety for "roasting ears". See pages 82-83 for this and other field varieties of corn. **Packet, 10 cents; 1 pound, 30 cents; 2 pounds, 45 cents; postpaid. By express or freight, not prepaid, 14 pounds (peck), \$1.00; 56 pounds (bu.), \$3.50; 112 pounds (2 bus.), \$6.75.**



Yexo Sugar, Earliest Large Sweet Corn



Country Gentleman Sweet Corn

Hastings' Lettuce Seed For Home and Market Crops

Lettuce seed is one of our great specialties, and in addition to supplying over two hundred thousand family gardens each year we sell thousands of pounds of highest grade lettuce seed to shippers and market gardeners. Our great market varieties, **BIG BOSTON**, **HASTINGS' DRUMHEAD**, **FLORIDA HEADER**, **DIXIE HARD HEAD** and **CALIFORNIA CREAM BUTTER** are supreme. The high quality of **HASTINGS' Lettuce Seed** is known everywhere in the South where lettuce is grown, for purity, hardness of heads and slowness to run to seed. Our lettuce seed is all grown in California by our grower, whom we consider the most careful lettuce seed grower in the world, and the growing crops are personally inspected by our Mr. Hastings or Mr. Freeborn so as to insure the quality being kept up to the **HASTINGS'** standard. Do you know of any seed firm where the head of the house, or even an employee, will travel over 6,000 miles each year to see that every possible care is taken to have the lettuce seed just right?



One End of a Field of **BIG BOSTON** Lettuce Ready for Shipment—Note the Regularity of Growth—Right Seed Does It

BIG BOSTON (No. 210) Big Boston is of the Butter Head type. Ours is perfection in this variety, and you cannot buy any Big Boston Lettuce at any price that is superior to our strain. The heads of this strain are so firm and solid that almost every head has to be cut open before the seeds stalks can grow. It is a standard market garden and shipping variety, being grown almost exclusively in many sections for shipment and for market. Extra large, round, firm heading variety, and makes a good appearance in market. Our seed of this variety is grown for us by a lettuce seed specialist whom we consider the best in the world. Our seed of **Big Boston** is the surest and hardest heading stock that you can obtain. Packet, 10 cents; ounce, 20c; $\frac{1}{4}$ pound, 40c; pound, \$1.25; 5 pounds, \$5.00; postpaid.

HASTINGS' DRUMHEAD CRISP LEAF TYPE—
Also called New York or
WHITE CABBAGE LETTUCE Wonderful. No variety that we have
(No. 211) ever carried has had a steadier sale. Superb for home gardens and for market. When properly grown it reaches large size. One gardener near Gainesville, Florida, produced a single head weighing nearly 4 pounds. It is always large, with outer leaves a clear, light green color; inside of the head almost pure white. Leaves are large, extra crisp and tender and entirely free from all bitter taste. Packet, 10 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 75 cents; pound, \$2.50; postpaid.

HASTINGS' ICEBERG LETTUCE (No. 216)
CRISP LEAF TYPE—For forcing or home gardens. A beautiful as well as useful variety. Exceedingly crisp and tender, growing a long time before running to seed. Known as a "crisp-leaved" hard-header. Splendid for open ground planting or for forcing. Heads of conical shape and medium size. Heads tightly fold and blanch to a beautiful white. Outer leaves are crinkled and light green, growing closely up around the head. Packet, 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00; postpaid.



Hastings' Drumhead White Cabbage Lettuce

Hastings' Florida Header (No. 215)

BUTTER HEAD TYPE—Florida Header is one of our favorites that has stood the test of time, recognized as a leading variety for market or home use. No better variety exists for anyone who wants large solid heads; heads quickly, yet is slow to run to seed. Very resistant to both heat and cold, passing through severe freezes practically unharmed. Crisp and tender, and its fine appearance adds greatly to its selling qualities. It does fine in field tests and is slower than any other variety except Dixie Hard Head to run to seed. **Packet, 5c; ounce, 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00; postpaid.**

Hastings' Superba Lettuce (No. 212)

BUTTER HEAD TYPE—The biggest lettuce of all, a most beautiful solid, extra large heading variety, especially resistant to heat. Outside leaves light green, becoming more and more yellow towards the center. Especially desirable for home gardens and nearby markets, but not for shipment. For crispness, tenderness and freedom from bitterness it is unexcelled. **Packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00; postpaid.**

New Dixie Hard Head Lettuce

(No. 221) BUTTER HEAD TYPE—It is such a hard header that it is very difficult to get it to produce seed. Each year we are more and more impressed with its great value, both for the home and market gardener.

In general character of growth and appearance it is much like the California Cream Butter, but is much harder header, presents better appearance in market, and is slower than any other variety to run to seed. Heads large and solid. **Packet, 10c; ounce, 20c; ¼ pound, 40c; lb., \$1.25; 5 pounds, \$5.00; postpaid.**



New Dixie Hard Head Lettuce

California Cream Butter (No. 220)

BUTTER HEAD TYPE—Also known as "Royal" in some localities. Good for open ground planting at all seasons in the South. Fine variety for market gardeners and shippers. Heads large and solid, the inside bleaching to a beautiful cream yellow when properly grown. The pure strain of this variety can be distinguished by the small spots on the outer leaves. Our stock is strictly the highest grade of the purest strain. You will be delighted with this sweet juicy lettuce. **Packet, 10c; ounce, 20c; ¼ lb., 40c; lb., \$1.25; 5 pounds, \$5.00; postpaid.**

Well Known Varieties of Lettuce

Grand Rapids (No. 214), Improved Hanson (No. 222), Prize Head (No. 219), B. Seeded Simpson (No. 223), All-Year-Round (No. 224), Brown Dutch (No. 213), bronze leaf. Each, packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid. These are all standard varieties and all good.

White Paris Cos This is true Romaine, the Celer y Lettuce. Crisp, tender leaves and delicate flavor. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; postpaid.**



Hastings' Florida Header—A Superb Shipper

May King (No. 225) BUTTER HEAD TYPE—Medium small, light green, tinged very slightly at edges with brown. Early and especially suitable for all outdoor culture in the South. heads attaining a size suitable for use before other sorts in open ground. Also extensively used for forcing, forming very firm heads of medium size and excellent quality in the shortest time. May King is a very compact grower and is very desirable for home garden use as well as for marketing. **Packet, 5 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, \$1.25; 5 lbs., \$5.00; postpaid.**



California Cream Butter or Royal Cabbage Lettuce

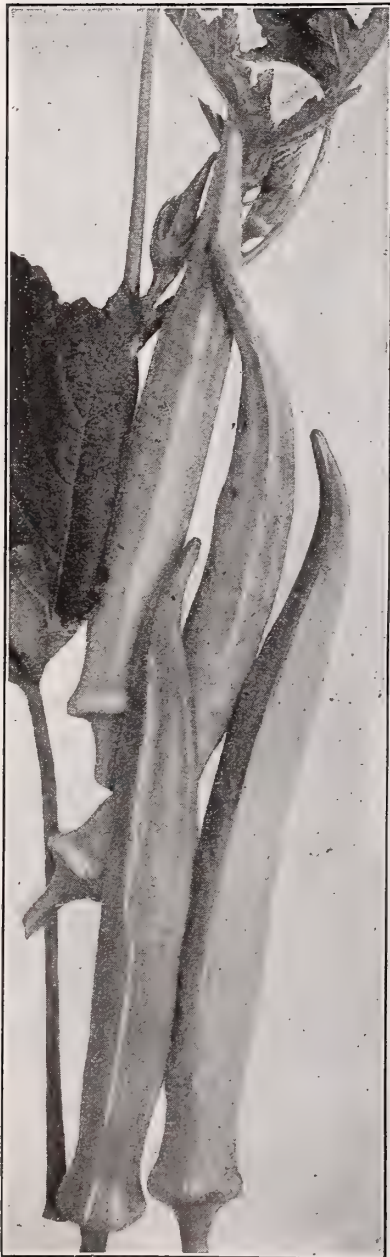
LEEKs

The leek is a very hardy onion-like plant that does not make a bulb. It has a long, well-thickened neck somewhat resembling the growth of young onions in spring but much longer and thicker. The leek thrives under the same general conditions as onions and should be cultivated in the same general manner except that when the plants begin to get some size, the earth should be gradually drawn up around the plants in order to blanch the stems or necks white and increase the tenderness and fine flavor. Sow seed as early in spring as ground can be worked.

Large Carenten Leek (No. 203) Grows to large size, the stems being proportionately large and thick. In rich soil, well earthed up, the edible portion is from 6 to 8 inches long by 2 to 3 inches in diameter. Packet, 10 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 75 cents; postpaid.

MUSTARD FOR SPRING SALAD

Culture Sow thickly in any good garden soil in drills 14 to 16 inches apart. Give clean culture, keeping free from grass and weeds. Leaves are large enough to use as a salad in from four to six weeks from sowing, and can be cut all through the spring. Sow from January to April. Use one ounce of seed to 200 feet of row.



Perkins Mammoth Long Pod Okra

Giant Southern Curled Mustard (No. 278)

No spring garden is complete without a patch of mustard for early salad. Our Giant Southern Curled is the very best of the finely curled leaf strains, really beautiful enough to grace a flower garden. It is slightly pungent, crisp and tender and can be eaten like lettuce or boiled for "greens". The Hastings' strain of Southern Curled is the same as offered by one or more of the Northern seedsmen as "Ostrich Plume". If you like mustard for either spring or fall planting you will be pleased with this variety. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents; postpaid.

Chinese Mustard (No. 277) An entirely distinct, yet thoroughly good variety of mustard of which we have sold thousands of pounds during recent years. It is of much larger growth than the Curled, about the same quality for salads or boiling and remains in condition for use a long time. The quick, almost rank growth of the Chinese, insures tenderness, mildness and freedom from bitter flavor. The engraving above from a photograph shows the general appearance of the leaves. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents; postpaid.

White Mustard (No. 279) This is the variety the seeds of which are used in pickling for family use, and the seeds when ground up compose what is known as "mustard" in the stores. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents; postpaid.

OKRA: HASTINGS' GEORGIA GROWN

Okra is a close relative of the cotton plant and grows splendidly anywhere and everywhere in the Cotton Belt. After considerable experimenting we found a place up near the northern line of possible cotton production in Georgia that develops okra and okra seed to perfection and at the same time insures an earliness of maturity not found in okra seed grown further south. Every pound of okra seed sold by us is produced in this north Georgia locality.

Okra or gumbo is a most healthful vegetable and ought to be plentiful in every Southern garden. In our seed growing work here in Georgia we have developed two splendid strains of the White Velvet and Perkins Mammoth, both being far superior to what is offered under these names by other houses, and we are sure that seed of either of these two varieties will please you. Plant one ounce of seed to 50 feet of row; about 8 pounds per acre.

Hastings' White Velvet A standard variety throughout the

Okra (No. 305) South for home use and local shipment; ready to use in 55 to 60 days.

We have a specially fine, early, very round, smooth-podded strain of medium size, the pods being almost altogether free from ridges and are not prickly to touch. This strain of White Velvet we find to be the very best of all the White varieties. See illustration just to the right. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents; postpaid. 10 pounds, not prepaid, \$4.50.

Perkins Mammoth Long This distinct green-podded okra

Podded Okra (No. 306) is by far the best variety for market and

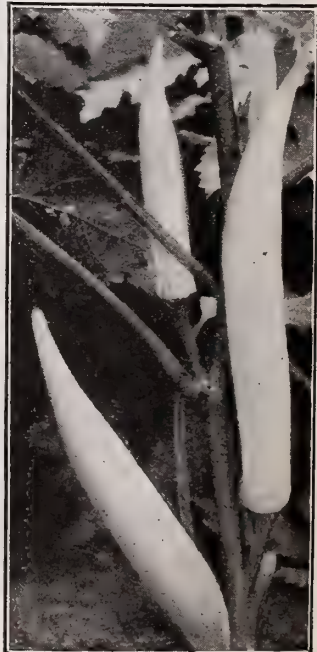
shipping purposes, ready to use in 50 to 55 days, and is being used by many Southern truckers exclusively for this purpose. The original strain as originally introduced has been greatly improved by us, and its productiveness is simply wonderful, the pods starting to shoot out within 3 or 4 inches from the bottom of the stalk and the whole plant is covered with them to the height of a man's head (5 to 6 feet). Pods of an intensely dark green color, of unusual length, frequently 9 to 10 inches long. Pods are very slim and do not harden up as is usually the case with other varieties. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents; postpaid. Ten pounds, not prepaid, 45 cents per pound.

Free Flower Seeds and 20% Off

Maybe you haven't stopped to think about Hastings' Premiums. With every order for a dollar or more you get absolutely free 5 packets of flower seeds (see inside front cover) worth 40 cents. Also you get 25 cents worth of seeds extra on each dollar sent for seeds in packets and ounces: \$1.25 worth for \$1.00, \$2.50 worth for \$2.00, etc. You see it's really cheaper to buy Hastings' Seeds than to get ordinary common seeds. Buy direct and get the best seeds always. See "Liberal Premiums" on Page 4.



Hastings' True Stock of Chinese Mustard



Hastings' White Velvet Okra

MUSKMELONS OR CANTALOUPE

Plant these in your Garden They Resist Insect Attacks

Rockyford, Colorado, and its surrounding country has a world-wide fame as a producer of the finest Cantaloupes. Our personal experience and investigation on the ground leads us to believe that the fame of Rockyford is fully deserved and that of all the varieties grown there our Eden Gem Cantaloupe leads them all.

Mr. H. G. Hastings went to Rockyford several years ago and made a thorough investigation of all the varieties and the Rockyford growers. He selected the Eden Gem as the best type of Cantaloupe. He arranged for special acreage of Eden Gem to be grown exclusively for us and this has continued ever since.

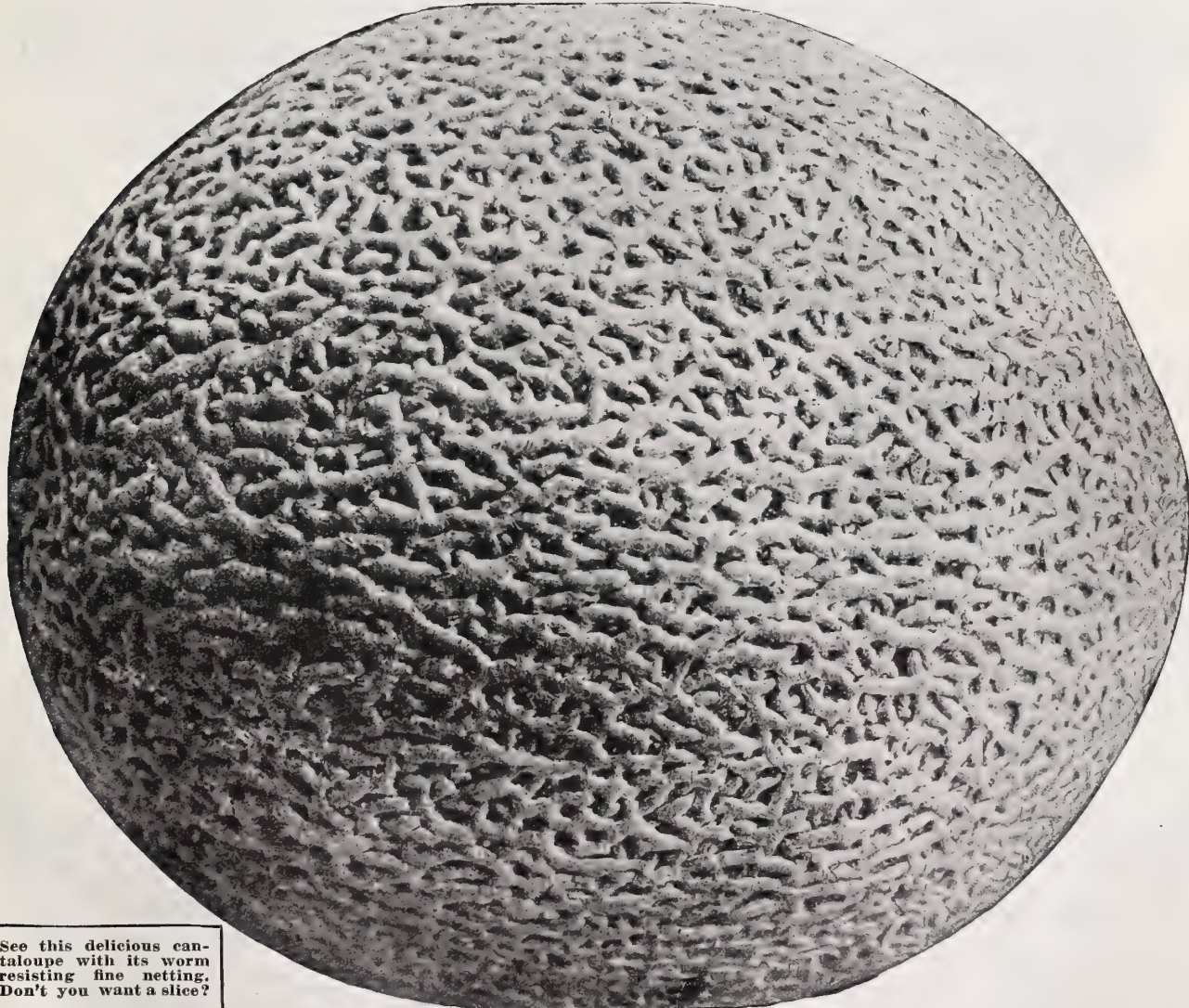
We have absolutely no connection with any other seed house or any other seed grower on our own acreage. It's entirely an exclusive acreage for H. G. Hastings Co.

About the time the crop matures our representative goes to Rockyford and carefully inspects the crop and the Cantaloupes as

gathered. Our representative sees every melon cut and no melon is allowed to be cut that does not come up to the Hastings' standard of quality. Our representative is on the ground and stays there until all the seed is washed, dried, sacked and on the cars headed for Atlanta.

Eden Gem is a sure money-maker for the Cantaloupe grower for shipment. For the home gardener or the grower for nearby markets it is unexcelled in appearance and eating quality. Eden Gem has a vigor of growth that keeps the vines green from two to three weeks longer than any other variety. It is most resistant to "rust" and other plant diseases, while the density of its perfect netting makes it especially resistant to insect attacks.

It costs more than double to produce seed quality like our Eden Gem, but it's money well spent by the Cantaloupe grower that wants to be sure of high quality Cantaloupes in his crop.



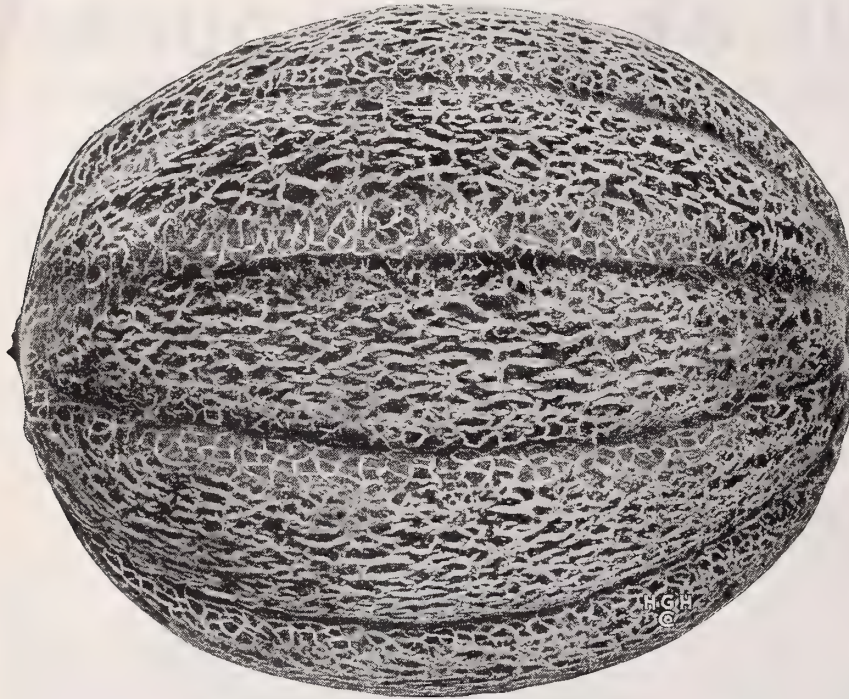
See this delicious cantaloupe with its worm resisting fine netting. Don't you want a slice?

Hastings' Eden Gem Cantaloupe (No. 231)

The illustration above shows the average size and perfect netting of our Eden Gem Cantaloupe (green fleshed), the real true money-making variety for the shipper and market gardener as well as the most satisfactory of all for home use. It gives perfect satisfaction to all who grow it. Its dense netting helps greatly in resistance to insect attacks. You will make no mistake planting Eden Gem in the South. Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ lb., 50c; lb., \$1.75; postpaid. Ten pounds or over, not prepaid, \$1.50 per lb.

Hastings' Salmon Flesh Eden Gem (No. 243)

Also known as Pollock No. 25 and Hastings' Pink Meat. Since our introduction of Eden Gem there has been a big demand for the same type of melon with pink or salmon flesh. Our Salmon Flesh Eden Gem is the same hardy, prolific, finely netted fruit as the Eden Gem and 90% are with pink meat—the finest pink meat melon on the market for home use or market. Packet, 10c; ounce, 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75; postpaid. Ten pounds or over, not prepaid, \$1.50 per pound.



Burrell Gem Cantaloupe (Formerly Called Pink Meated Rockyford)

ROCKYFORD - - (Original Strain) (No. 237)

A popular early variety of cantaloupes adapted to the entire South for market and home use. True type of the original Rockyford as shown by the illustration and if you are only growing for home use or nearby markets you will find this a satisfactory variety. For the shipper where standard size and heaviest netting are all important we do not recommend this variety as it is far inferior to the Eden Gem, shown on the preceding page. The Rockyford is regularly ribbed, well netted, good size, has thick green flesh of delicious flavor. Our seed is from crops grown exclusively for seed purposes and is not the seed from the tail end of Southern and Colorado shipping crops such as is commonly sold. This "cull" seed is offered to us regularly every year at from 10 to 25 cents per pound and is sold to seedsmen and dealers every year who are thus able to make cut prices. You should be just as careful with your seed buying as you would in buying a herd bull. Buy seeds you know are good. The personal inspection work given our crops every year saves you from getting trash of that kind not only in Rockyford cantaloupes, but hundreds of other items found in this catalog. Genuine Rockyford cantaloupe, original strain. Packet, 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; postpaid. Ten pound lots or over, not prepaid, 75 cents per pound.

Early Hackensack (No. 230)

One of the best for home use and nearby markets, but too large for shipping. Good size, 3 to 5 pounds, quality extra fine, meat thick with rich, spicy flavor. Skin densely netted. Packet, 5 cents; ounce, 10 cents; ¼ pound, 30 cents; pound, \$1.00; postpaid.

AS LONG AS I GARDEN

"I have used your seed for 13 years and have found no fault yet. As long as I garden I will use your seed"—Sallie A. J. Madison, Tuscaloosa, Alabama.

MUSKMELONS**BURRELL GEM (No. 241)**

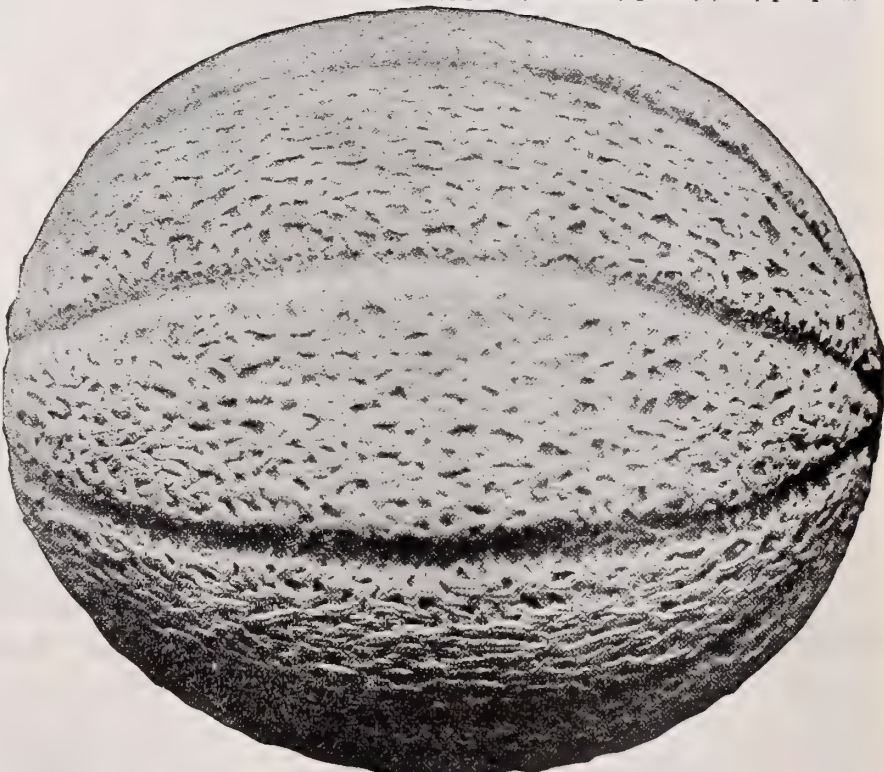
Formerly called Pink Meated Rockyford. This is a good variety either for shipping or home use. While meat or flesh is known as "pink meated" in color it is really an orange salmon. These melons are heavy in weight, owing to the thick meat, which is firmer and more solid than other varieties, and have become quite a favorite with many as a shipper. Netting is rather coarse and prominent as compared with other Rockyford strains. It is an all right melon either for shipment or home use and is growing in popularity every season. Seed cavity is exceedingly small with thick, firm flesh or meat of the very best flavor. The only objection to this variety is a tendency to split at blossom end in rainy weather. Genuine Rockyford Colorado grown seed. Packet, 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75; postpaid. Ten-pound lots or over, not prepaid, \$1.50 per lb.

Banana Cantaloupe (No. 233)

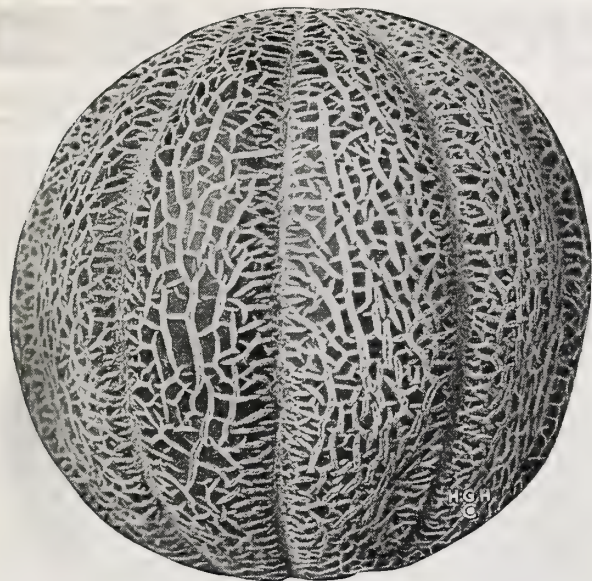
We have a good supply of this splendid variety with its banana-like flavor and shape. Melons grow 18 to 30 inches long and 2 to 5 inches in diameter; stand summer sun as no other cantaloupe and will continue to bear until late in the season. It should be in every home garden in the South for late use. This sort is not a mere curiosity but will command extra prices on the market, 30 cents to \$1.00 sometimes being paid for a single specimen. The thick, rich flesh is orange in color with delightfully sweet flavor. The real garden sort and not the coarse, tasteless kind often sold. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; postpaid.

Montreal Market (No. 240)

One of the largest, finest flavored and spiciest of cantaloupes. Requires more careful cultivation than most varieties, but its superior quality and flavor make it well worth the extra trouble. The melons frequently weigh 8 to 10 pounds each. Packet, 10 cents; ounce, 20 cents; ¼ pound, 50 cents; pound, \$1.50; postpaid.



Genuine Rockyford Cantaloupe—The Original Strain



Nixon—the Real Georgia Muskmelon

NIXON, A GEORGIA MUSKMELON

(No. 242) This is a real Georgia muskmelon with a great reputation in Georgia, where it has been known locally for many years. In size it is large to extra large and with a delicious flavor. Single specimens weighing 12 to 15 pounds are nothing unusual. In flavor and quality it is a superb variety and it is sun and insect-proof to a marked degree. For home use and nearby markets for medium and late maturity it has no equal, and if you want a genuine Southern muskmelon that far excels all others in quality and as a late crop plant Nixon. **Packet, 10 cents; ounce, 20 cents; ¼ pound, 50 cents; pound, \$1.75; postpaid.**

Ponce de Leon Second early large size melon for home gardens. The **(No. 238)** nearest thing to the old-fashioned muskmelon that you can get. Flesh is thick, light green, and of most delicious flavor, regularly ribbed and well netted. Skin green, but turns to a beautiful golden yellow when ripe. **Packet, 5c; oz., 10 cents; ¼ pound, 30 cents; pound, \$1.00; postpaid.**

HONEY DEW MELON

(No. 244) Introduced to the South by us as a novelty in 1917, "Honey Dew" made good from the start. There was a little doubt in our minds at first as to what this melon, being a native of an arid country and always grown under irrigation would do under rainfall conditions. All over the South it has done fine and proved to be as easily grown as ordinary bush squashes.

While very much of the type of the Casaba melons of the Pacific Coast its delicious honey-like flavor when fully ripe has made it a favorite with all who have tasted it. The melons are of good size, weighing 6 to 8 pounds each; smooth light cream colored skin with thick, very rich, sweet spicy flavored flesh of light green color. Rind is thin but tough and so close in texture that the rich flesh is practically sealed up and will keep in fine condition for weeks after being ripe.

Good sized "Honey Dews" have regularly sold on the Atlanta market from 50 cents to \$1.00 each. As one enthusiast said: "It has the sweetness of honey and the freshness of morning dew."

It's seldom the case that the most delicious melons that could possibly grace a millionaire's table are at the disposal of the humblest, but it is certainly the case with "Honey Dew" on any reasonably good garden soil. Many growing it for the first time condemn it because they will not let it get ripe enough before eating. Let fruits go until you think they are ripe, then let them go several days longer, pull and let stand until the blossom end shows some softness.

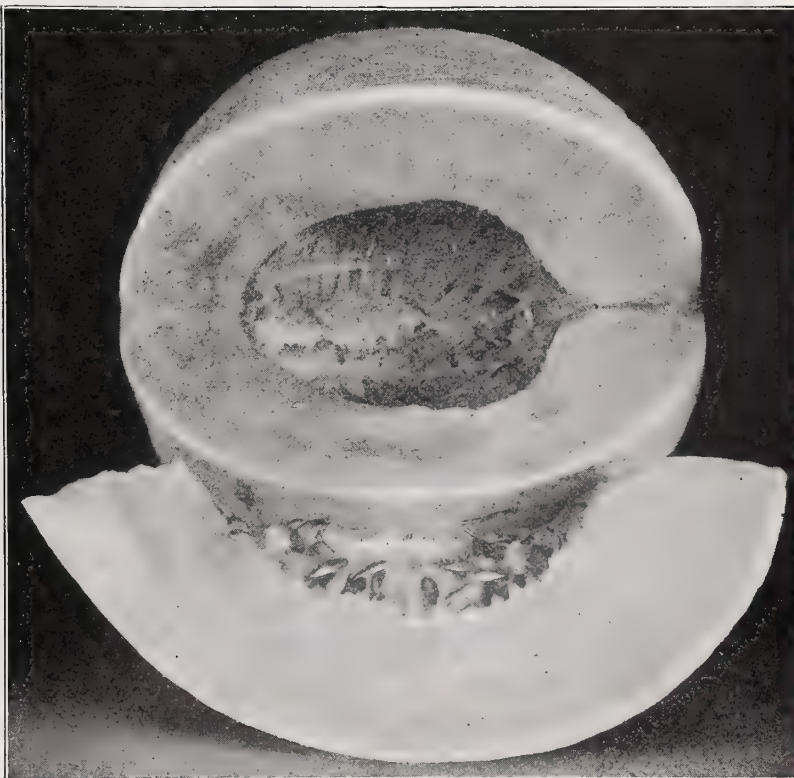
Many have asked how to tell when ripe. One of our most successful Florida growers says that the time to pick for full flavor is when brown lines begin to show running from the stem outwards and skin begins to show brown specks on the surface. **Genuine Honey Dew Seed. Packet, 10 cents; ounce, 20 cents; ¼ pound, 65 cents; pound, \$2.00; postpaid.**



Texas Cannonball—A Real Insect-proof and Sun-proof Cantaloupe

Texas Cannonball Cantaloupe (No. 232)

We have sold this splendid cantaloupe of Texas origin for many years. It is very desirable for home use and nearby markets in all parts of the South. Medium in maturity and size and of round shape. In flavor it is first-class, and its dense netting makes it almost sun and insect-proof, this being an immense advantage where insects are troublesome and melons liable to sunscald. It is almost all meat; seed cavity small. Very prolific and hardy, producing an abundance of fine nut-like flavored, sound-fleshed melons that taste delicious. **Packet, 10 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, \$1.25; postpaid.**



The New and Wonderfully Popular "Honey Dew" Melon

HASTINGS' WATERMELON SEED

Is Strictly Southern Grown and Saved from Crops Grown Exclusively for Seed. All Seed Taken from Selected Melons only. No Melons Sold or Shipped from Our Crops. Hastings' Melon Seed Will More Than Satisfy You.



A Good, Sweet, Juicy Old-Time Augusta Rattlesnake Watermelon Grown From Hastings' Seed

Hastings' Augusta Rattlesnake Watermelon (No. 252) This melon made Georgia famous as the finest melon-growing State. In no place in the world are finer, sweeter melons grown than the Rattlesnake in certain Georgia localities, especially suited to it. No one has such pure seed of this famous variety as ourselves. It is simply perfection of the Rattlesnake strain. Every seed we offer is taken from melons weighing 25 pounds or more, and 60 to 75-pound Rattlesnake melons are nothing unusual in our seed crops. If you have been buying seed of the Georgia Rattlesnake, as commonly sold, you do not know how good a Rattlesnake melon can be. Melons grown from our seed of this are so fine that they cannot fail to give you satisfaction. We consider Augusta Rattlesnake the best second early melon there is. Plant, at least, a few of them this year. Packet, 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25; postpaid. Ten-pound lots or over, not prepaid, \$1.00 per lb.



KLECKLEY SWEET (No. 253)--THE GREAT BIG, SWEET JUICY WATERMELON

Just imagine the most delicious watermelon you ever tasted. It must have been Kleckley Sweet. If this melon doesn't make your mouth water, there's something wrong. No other melon has ever attained such general popularity for home use and nearby markets as our Kleckley Sweet shown above. It's a perfect melon for that purpose. Its eating qualities leave absolutely nothing to be desired. Vines strong and vigorous; melons medium to large in size; oblong, 18 to 24 inches in length, 10 to 12 inches through. Skin a very rich dark green color; flesh extra sweet and of brightest rich scarlet, ripening right up to the thin rind. Packet, 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00; postpaid. Ten-pound lots or over, not prepaid, 80 cents per pound.

FINEST ALL-PURPOSE MELON IN THE WORLD



THE "WATSON" OR "TOM WATSON" WATERMELON (No.258)

Seed grown from the original stock, which we have kept pure, and not the "run-out" seed now generally sold.

(From Photograph of Average Seed Crop Melon in Hastings' Seed Crop—No Seeds Saved from Melons Weighing Less than 25 pounds)
The Watson has rightfully been the most largely planted melon in the South for shipping purposes. It's a splendid melon for shipping, for nearby markets and for home use. It is an excellent combination all purpose melon for you to grow.

There has been much complaint about the Watson "running out" and this is absolutely true of a large part of the Watson seed on the market. It is seed saved from the tail end of the shipping crop, seed from malformed, rotten-ended runts and culls. You can't afford to plant such seeds. Plant Hastings' Seeds, the very finest you can buy.

In eating quality the Watson is away above the average and its tough, medium thick rind makes it ship equal to the old shipping sorts. Its dark green color and generally handsome appearance makes it a seller at top of the market prices. Packet, 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.25; postpaid. In 10-pound lots or over, not prepaid, \$1.00 per pound.



Alabama Sweet, the Great Southwestern Melon (No. 264) We have the genuine strain grown almost exclusively in Texas and in the Southwest both for home use and shipment. Our illustration is from a photograph of one of our Alabama Sweets in our seed crop. A splendid combination melon for shipping, market or home use. In general appearance much like Florida Favorite, but averages much larger and has slightly darker markings. Sells on sight in either Southern or Northern markets. Early, bright scarlet flesh, fine grain, solid, sweet and free from stringiness. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; postpaid. 10-pound lots or over, not prepaid, 80c per lb.



Halbert Honey--Sweetest of all Watermelons (No. 255)

For a long time we have all accepted Kleckley Sweet as the sweetest melon grown, but, as most all records are broken, in Halbert Honey has been produced a sweeter melon and one without strings in the flesh. No stringy pulp is left even after the largest bite of "heart". This melon has been put through our tests and has been found a mighty good melon for home and nearby market use. It is the sweetest of all melons, and its delicious crimson red flesh extends nearly to the skin, the rind being very thin and brittle. It is more evenly shaped than Kleckley Sweet, as shown in the above illustration from a photograph, and the dark green skin makes it a very attractive melon. It is early, prolific and grows to rather large size. For the finest eating melon plant Halbert Honey. You will have the finest eating melons you have ever tasted and any surplus can be readily sold on local markets. The rind is not tough or thick enough for long distance shipping. Just grow them for all you can eat and sell locally. They are simply delicious. Packet, 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; pound, \$1.25; postpaid. Not prepaid: 10 pounds or over, \$1.00 per pound.



"Irish Grey," a Melon You Will Like—The Natural Color of This Delicious Watermelon is a Light Grey-Green, Slightly Veined

New Watermelon "Irish Grey" (No. 256)

New and good watermelons don't come often but this new South Georgia variety is one that has attained great popularity on its merit. It's a combination melon equally good for shipping or home use, being equal to or better than the Watson in that respect. It's sweet; the flesh is red, crisp and free from stringiness and in color of rind a mottled greenish grey, entirely distinct. Rind is thin but very tough. Long distance shipments go through perfectly. Vines very vigorous, healthy and hold up and produce fine melons late into summer when other sorts die out. Plant Irish Grey for home or market use and you will be delighted. It's as satisfactory a Melon as there is grown. Packet, 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25; postpaid. Not prepaid, 10-pound lots or over, at \$1.00 per lb.

HASTINGS'

WATERMELON

COLLECTIONS

HASTINGS' HOME GARDEN COLLECTION

SEVEN PACKETS 25 CENTS, POSTPAID—One full-sized packet each of Augusta Rattlesnake, Watson, Irish Grey, Florida Favorite, Hastings' Tinker, Alabama Sweet, and Kleckley, all exceptionally fine varieties for home use. This collection will furnish any ordinary family a plenty of first-class melons all season.

HASTINGS' 4-OUNCE MELON COLLECTION

FOUR OUNCES POSTPAID, 35 CENTS—Some prefer fewer varieties but more of each kind. For 35 cents we will send you, postpaid, one ounce each of Florida Favorite, Augusta Rattlesnake, Watson, and Kleckley Sweet, and one packet of Eden Gem Cantaloupe. See page 25.

HASTINGS' ONE-ACRE MELON COLLECTION

LOTS OF OUR FRIENDS like to plant about an acre of assorted varieties. A little over a pound of seed will plant an acre nicely. For \$1.25 we will send you, postpaid, $\frac{1}{4}$ pound each of Kleckley Sweet, Augusta Rattlesnake, Halbert Honey, Irish Grey, and Watson. You couldn't get a finer assortment if you tried. Send us \$1.25 and have the best acre of melons in your section.



Hastings' Selected Florida Favorite Watermelon (The Very Best) No. 259

Our special selection and growth of Florida Favorite has given us an unsurpassed extra early, good quality, medium-sized melon, just the right kind for home use and nearby markets. It's a large, smooth, beautifully shaped melon, of dark green color, irregularly striped with lighter green; very early and prolific. Rind of medium thickness, rather tough, making it a fairly good shipper. Flesh red, very crisp, tender and juicy. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; postpaid. In lots of 10 pounds or over, not prepaid, 80c per pound.

Hastings' Tinker (No. 265) A perfectly distinct medium-sized melon for home use and nearby market only. The rind is very brittle and will not stand handling or hauling long distances over rough roads. Oblong melon, striped similar to but darker than Alabama Sweet. A white seeded, red fleshed melon with a distinct extra sweet, honey-like flavor that we have never tasted in any other melon. For any one who likes an extra sweet, fine grained watermelon for home use only, Tinker should be planted as one of the varieties. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30c; pound, \$1.00; postpaid. Ten-pound lots or over, not prepaid, 80 cents per pound.

Citron, Green Giant (Fla. Stock Melon) (No. 268)

This is the melon for sweet pickles. Any surplus can be fed to hogs and cattle, but do not plant close to watermelons for they will cross and ruin the watermelons. Plant some citrons this year for the finest sweet pickles you ever tasted. Packet, 5 cents; ounce, 10c; $\frac{1}{4}$ pound, 30c; pound, \$1.00; postpaid.

Philip Jones or Jones

This big striped melon, originating in Burke County, Georgia, is known under both names. It is not that old variety, Duke Jones. The shape is almost round and has the peculiarity of almost always lying on the blossom end while growing. The size of this melon is large, often weighing 70 to 80 pounds, and has mighty good eating qualities. Politicians often carry seed of this variety to give the farmers when they visit the farming sections because it makes such large melons. This is a wide, irregularly striped melon. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00.

Pure Melon Seed

When you plant watermelon or cantaloupe seed for market, it is absolutely essential that you have good melon seed. You cannot take chances on getting ordinary or "cull" seeds and mixed seeds. Absolutely no melons are shipped or sold from our seed crops and separate varieties are grown far apart.

ONIONS

The onion is the most healthful vegetable on the list. The onion is recognized as a necessity in feeding armies. It's a promoter of health and good physical condition. A reasonable amount of onions eaten is worth more to you than a whole drug store full of patent medicines. You need onions the year round. Why not grow them in sufficient quantity in your own garden to have them at any time without buying Northern grown onions from your storekeeper most of the year. Onions grown direct from the seed are good keepers for months.



Hastings' American Prizetaker Onion Grown Direct From Seed

Australian Brown (No. 297) For a late maturing, long keeping onion to last into and through winter if stored in a dry place, Australian Brown has no equal. If you plant the Bermuda, Prizetaker or the Hastings' Globe varieties and Australian Brown, you can count on a supply practically the year round. About a month later in maturing than the earlier sorts but of neat, round shape, very firm and solid in texture and the longest keeping shape known for warm climates. Of somewhat pungent flavor; skin is amber brown although a little variable in color. Packet, 5 cents; ounce, 20 cents; ¼ pound, 65 cents; pound, \$2.00.

Extra Early Red (No. 286) Earlier than Red Wethersfield and somewhat smaller. Flat shaped, close grained, strong flavored and a good keeper. A good early market sort. An old favorite variety. Packet, 5 cents; ounce, 20 cents; ¼ pound, 65 cents.

Large Red Wethersfield (No. 285) One of the oldest varieties and has easily retained its popularity. It's easily grown to full maturity from seed and is a fairly good keeper into winter. Almost round, of large size and deep red color. In flavor decidedly pungent. Packet, 5 cents; ounce, 20 cents; ¼ pound, 65 cents; pound, \$1.75; postpaid.

Yellow Globe Danvers (No. 294) Very productive and most extensively used for both home use and market. A fairly good keeper, solid, rather mild, earlier than the Hastings' Globe Onions. The bulbs are medium to large sized; flesh crisp and creamy white with rich coppery-yellow skin. Packet, 5 cents; ounce, 20 cents; ¼ pound, 65 cents; pound, \$2.00.

Hastings' Silver Skin (No. 300) White Portugal. A famous variety for raising sets because the little bulbs are so uniform. Also a splendid pickling onion with mild flavor and silvery white skin. It is flat on the bottom and thick towards the top, very firm and hard, and an excellent keeper. Packet, 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50; postpaid.

CULTURE For home use onion seeds, sets or plants should be planted in any good garden soil just as early as the ground can be worked to advantage in the spring. Ground should be thoroughly broken, well fertilized or manured and then worked down very fine; all trash, clods or grass roots being removed. The use of sets is absolutely unnecessary except as a matter of earliness. Where well shaped, long keeping, marketable onions are desired plant the seeds instead of sets, as the seeds make much better onions in every respect. Sow one ounce of seeds to 200 feet of row; four or five pounds per acre. Sets vary considerably in size, but the average will run about one pound of sets to 50 feet of row. Onions from seeds will mature in 100 to 140 days, according to variety; from sets in from 80 to 100 days; from plants 2 weeks still earlier.

Cover seeds in clay or heavy soils about ½ inch; in sandy soils 1 inch. If weather and soil are dry firm the soil after planting; heavy or clay soils should not be firmed when wet. As soon as seeds are well up begin a light surface cultivation and keep this up every week or ten days. Never let grass or weeds get a start, for young onion plants choked with weeds or grass die down in the "set" size and will have to be held over until the following fall. Cultivation (always shallow) should be kept up until bulbs are well formed and matured as indicated by the dying down or dropping over of the tops. When matured dig or plow up and store in a dry place, leaving tops on until you are ready to use or market them.

Hastings' Prizetaker Onion (No. 296) We offer Prizetaker Onion Plants for sale on Page 34. Our Prizetaker onion is of the very best American growth, far superior to all imported seeds. It has been most successfully grown in all parts of the Central South from both spring and fall sowings. Our illustration, reproduced from a photograph, shows the shape of this variety perfectly. It is very large, frequently measuring 12 to 18 inches in circumference, and fine bulbs have been raised weighing from 4½ to 5 pounds each. During the last several years we have seen some splendid market crops of Prizetakers raised even under very unfavorable conditions, not only in Georgia but in practically every one of the Southern States, showing Prizetaker to be well adapted to our entire section. Prizetaker is a light straw-colored onion with a pure white flesh, very fine grain with rather mild flavor, and will keep for any reasonable length of time. Packet, 10c; ½ ounce, 15c; ounce, 25c; ¼ pound, 75c; pound, \$2.00; postpaid.

Extra Early Barletta (No. 295) An extra early pickling onion. Pure white, growing about one inch in diameter and just the right size for pickling. Packet, 10 cents; ½ ounce, 20 cents; ounce, 30 cents; ¼ pound, \$1.00.

Giant White Tripoli (No. 290) Also known as El Paso, or Large Mexican. A large, flat, pure white, mild onion. Onions can be grown in one season from seed and on good ground will weigh over a pound. Packet, 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.



Australian Brown—The Long Keeping Onion

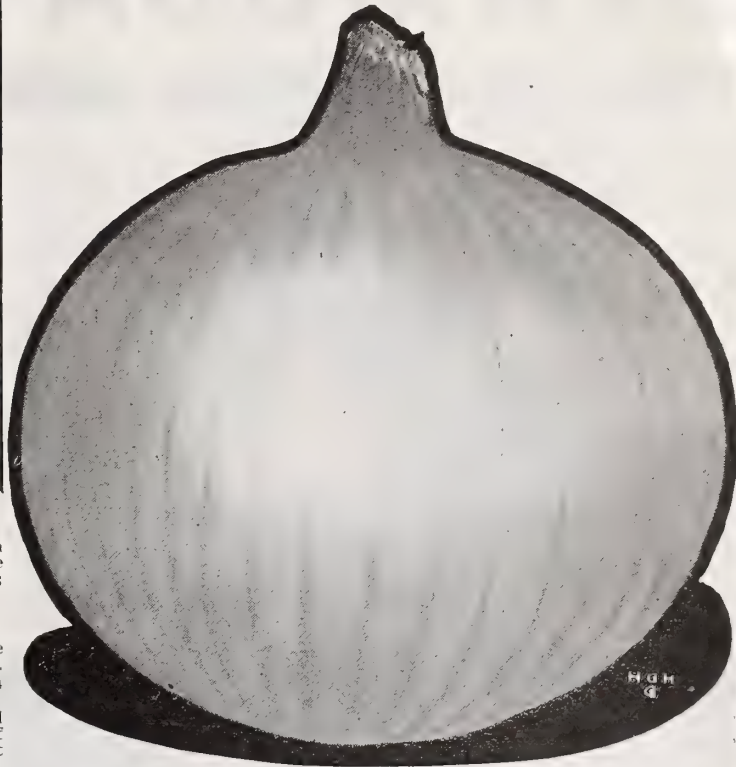
Hastings' Big Globe Onion Collection

ONIONS FOR ALL THE YEAR--25c

You can't find a better year-round selection than this. Four large packets of the finest onions in cultivation: varieties early, medium and late in maturing and the most popular varieties on our whole list. Three globe-shaped onions and also Hastings' Genuine Imported Yellow or White Bermuda Onion Seed.

This splendid collection gives you a welcome variety and a selection that will last you practically the whole year. Yellow Bermuda comes in very early, with the sweetest and most tender of all onions; Hastings' White Globe and Hastings' Prizetaker are medium in maturing, of good size, and are well suited to the whole South except Florida and Southwest Texas, where they should be planted in the fall; and Australian Brown is late in maturing and will keep longer than any other onion. These four varieties are standard, well-known varieties and make this a very valuable and satisfactory collection. They can all be grown readily from seed and bring high prices in any market.

Our illustrations give you a perfect idea of their handsome shape and appearance. You can't afford not to have one or more of them in your garden this year. We recommend them fully for every garden in all the Southern States except Florida. You will be more than pleased with them. One packet each of Hastings' White Globe, Prizetaker, Australian Brown and Yellow Bermuda Onion Seed, postpaid, 25 cents.



Hastings' White Globe (No. 292)

Superb, large, pure, waxy white globe-shaped onion. Flesh crisp, fine grained and of very mild flavor. This globe onion brings the highest price on the market. Packet, 10c; ½ ounce, 15c; ounce, 25c; ¼ pound, 75c; pound, \$2.50.

Hastings' Yellow Globe (No. 293)

Handsome pale-yellow globe onion, slightly larger than the White Globe. Of fine flavor, very mild, and a good keeper. Packet, 10 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 75c; pound, \$2.50; postpaid.

Hastings' Red Globe The handsomest and most richly colored of (No. 291) all red onions. A typical globe onion of great market value, nice appearance, mild flavor, fine quality and a good keeper. Packet, 10c; ½ ounce, 15c; ounce, 25c; ¼ pound, 75c; pound, \$2.50; postpaid.

One of Hastings' Big 'Globe Onions Grown Direct From Seed

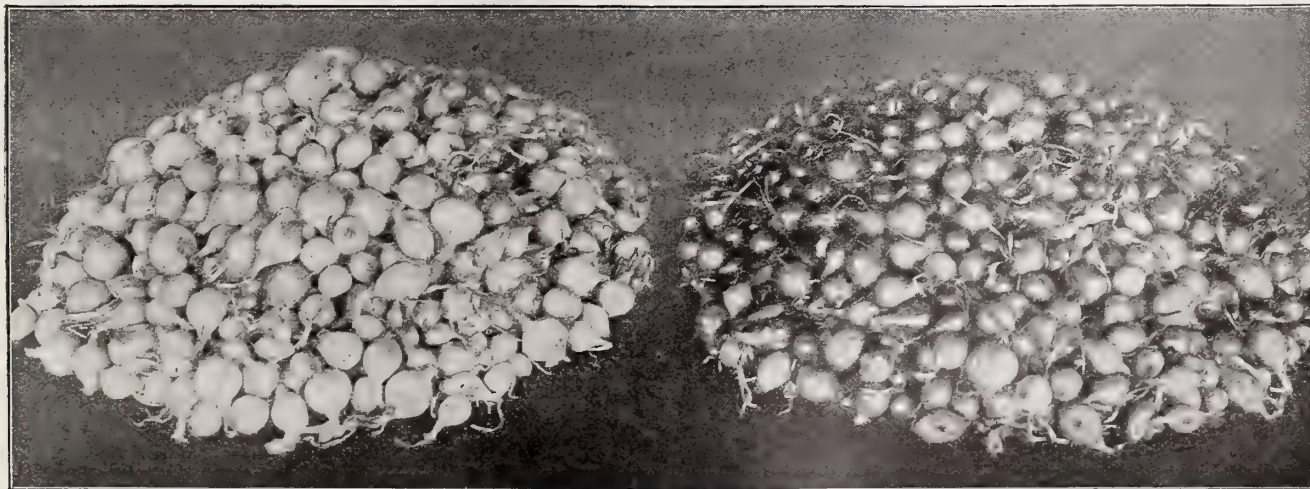
ONION SETS

Largely planted in home gardens for early onions to pull green. Many prefer these small tender green onions for eating raw. Owing to variations we sell onion sets by weight only, one pound during spring months usually equalling about one quart. Plant sets three inches apart in rows 12 to 15 inches apart.

Silver-Skin Sets Sets from White Portugal or silvery white onions of fine quality when mature. Plant a few also for early green onions. Pound, 35 cents; 8 pounds (peck), \$1.85; postpaid. Write for our best quantity prices.

Yellow Danvers Sets Make medium sized, globe-shaped yellow onions of the sort described under "Yellow Globe Danvers." The standard yellow variety. Pound, 35 cents; 8 pounds, (peck), \$1.65; postpaid. Write for our best quantity prices.

Garlic Pure Italian Garlic Sets. Pound, 40 cents; 3 pounds for \$1.00; postpaid.



From a Photograph Showing Hastings' Screened and Well Cleaned Silver Skin and Yellow Danvers Onion Sets

BERMUDA ONIONS

Plant For Earliest Mild-Flavored Onions

Over 30 years ago this firm introduced the Bermuda Onion as a commercial crop to Florida. Later to South Texas and still later to Southern California. It has made good to an extent that no other onion type ever has. Each year millions of dollars' worth of Bermuda Onions grown from fall planted seed are shipped to Northern markets from Texas, Florida, California and Gulf Coast sections. The great value of the Bermuda varieties for spring plantings is in the more northern sections of the South where it gets too cold for these varieties to live through the winter.

We recommend the Bermuda varieties to you unreservedly for earliness, good yields and mildness of flavor. They are equally good young for pulling green or after fully matured. They are so mild in flavor that many people eat them raw, like an apple.

Yellow Bermuda Onion (No. 288) The most widely and largely planted of the Bermuda varieties. Before we introduced our Crystal Wax this was generally called White to distinguish it from the Bermuda Red although it is a light yellow or straw color. Since the appearance of Hastings' Crystal Wax on the markets the produce trade of the country began calling this variety "yellow" to distinguish it from the pure white Crystal Wax. This is the variety that has made Texas famous as an onion growing State and we have always rightfully claimed that Hastings' is the finest seed in the world. The higher quality Bermuda Onions grown from Hastings' Seeds bring the highest market prices and often premiums above the best market prices.

Our illustration above shows Yellow Bermuda as grown from October planted seed. Less than six months from seed sowing (and mostly slow growing winter months) to the fully matured onions. No onion grown compares with the Bermuda in mildness of flavor, and for this reason it is immensely popular with millions of people who dislike the strong flavor of most of the varieties. You will make no mistake in planting the Bermuda Onion this spring. Large packet, 10 cents; ½ ounce, 15 cents; ounce, 25 cents; ¼ pound, 75 cents; pound, \$2.50; postpaid.

Hastings' Crystal Wax Bermuda (No. 289) The most attractive onion in the world. Our own introduction and one of which we have been exceedingly proud. It is an absolutely pure white Bermuda Onion with a most beautiful waxy appearance that makes it sell on sight in the retail markets. In New York and other large markets our Crystal Wax sells at 25 to 50 cents per crate above the Yellow Bermuda. In Atlanta markets it has largely displaced all other onions during spring and early summer. Except in color it is identical with the Yellow Bermuda; has all its desirable qualities combined with much more handsome appearance. Seed of this is always in short supply. Packet, 10 cents; ½ ounce, 20 cents; ounce, 30 cents; ¼ pound, \$1.00; pound, \$3.50; postpaid.

Red Bermuda Onion (No. 287) Our genuine Bermuda Red is the favorite everywhere in the South for home use and Southern markets. Identical in size, shape and mildness with our Yellow Bermuda. The color is a pale, waxy red, and it is just the right variety in all sections where a red but mild onion is preferred. Large packet, 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50; postpaid.



Hastings' Bermuda Onions—Earliest, Mildest Flavored—Most Attractive Onions in the World

Bermuda and Prizetaker Onion Plants

You no doubt know how easy and satisfactory it is to grow Onions from sets. Now, we are able to supply you with Genuine Yellow Bermuda and Hastings' Prizetaker Onion Plants. They are much more satisfactory than sets and grow better shaped onions that keep much better than onions from sets. They are even more hardy than Frost Proof Cabbage Plants, standing heavier frosts and even light freezes without being killed.

You can have green onions for pulling in your garden and you can have fine matured onions from these plants ten days to two weeks ahead of onions from sets and 'way ahead of onions from seeds. Growers claim, too, that it is a big advantage not to have their onions run to seed. Onions from plants seldom run to seed while onions from sets do run to seed.

These Onion Plants start growing as soon as they are planted and hold up well in shipment. We recommend them particularly for home gardens, and market gardeners will also find them a

great advantage in maturing onions for the high earliest market prices.

HASTINGS' ONION PLANTS POSTPAID

PRICES—100 plants of either variety, 50 cents, postpaid. No order for less than 100 plants of the same kind will be filled. Orders are filled by the hundred. All orders for less than 500 of the same variety take the 100 rate.

500 Onion Plants, all of the same variety, postpaid, \$1.60; 1,000 or more of the same variety, \$3.00 per 1,000; postpaid to your address. Write for not prepaid prices on large quantities.

NOTE—We will mail these plants to any address in the United States, postpaid, except in Florida and California. We cannot accept orders from these states because of State Plant Quarantine Laws, causing delay and damage in plants before reaching destination.

Plants are shipped direct from our Growing Station—separate from seed orders.

Hastings' Sweet Potato Plants

Grow your own Sweet Potatoes for the finest eating there is. They are becoming immensely popular as a standard crop and no Southern home should be without them.

Ready for shipment about April 10th, Hastings' Sweet Potato Plants or Slips are the finest grown. Send your order in as early as possible, telling us about when you will want us to ship them and we will ship as near your date as conditions will allow. Plants will be ready soon after April first and we can ship from then until July. They should be planted after the ground is good and warm and the season is settled, so don't have us ship them to you too early.

Hastings' Potato Plants are the finest grown. They are grown from No. 1 cured potatoes only, bedded during February and March, and each crate of potatoes is vat dipped in corrosive sublimate before bedding. Many of the plants sold commercially are grown from "strings" or small, tail end potatoes. Don't confuse these with Hastings'. There's no danger of "running out" from Hastings' Plants.

Hastings' Plants are free from disease and Georgia State inspected three times to make sure. Our Georgia inspections are so thorough that other states accept Hastings' Potato Plants without question or further inspection. They are inspected in the field in September for stem rot and foot disease; again in January for black rot and again April first for black rot by the State inspectors.

To further guard against any disease, we bed on first or second year new ground, use Hastings' Garden Fertilizer (8-4-4) and water with purified city water by the Skinner system of irrigation. There is no manure or wash water to spread disease and new ground has no plant disease to bother our plants.

We tell you these things because they are very important in growing sweet potatoes. Our plants are shipped when about 8 inches high and not over 2,000 to a crate, 100 to 500 being mailed in cartons. Our capacity is about 500,000 plants per day and shipments are made direct from the field. They are mailed or expressed separate from seed orders, as fast as they can be handled in the field packing and shipping sheds.

Plants remain in dormant or planting condition about one month after being pulled so you need not worry about delays in transit or your ground not being in proper condition when plants arrive. They can be "heeled" in on arrival if desired, however. Hastings' Plants are well matured and firm. We believe we bed the finest potatoes and furnish the finest disease-free plants of any grower. It will pay you well to plant them.

100 to 500 plants are enough for home gardens but 1,000 or more plants are needed for a plenty of sweet potatoes. Plant 8,000 plants per acre. They weigh about 15 pounds per 1,000, packed for shipment.



Hastings' Sweet Potatoes Are Best, Planted South or North
Grown by L. J. Lively, Glen Ellyn, Ill. (near Chicago) from Hastings' Plants

Postpaid Prices Porto Rico Sweet Potato Plants, the real Yellow Fleshed Potato so popular throughout the South—100 Plants, 50 cents; 500 Plants, \$1.60; 1,000 Plants, \$3.00; postpaid. Orders for less than 500 take the 100 rate and orders are filled by the hundred only—not 250 or 350, but 200, 300 or 400.

NOT PREPAID PRICES—1,000, 2,000 or 3,000 at \$2.00 per thousand; 5,000 or over at \$1.50 per thousand; f. o. b. our growing station at Tifton, Georgia.

Hastings' Maine Grown Seed Irish Potatoes

Hastings' three great Southern Varieties—Bliss Red Triumph, Irish Cobbler and Hastings' Improved Early Rose or Rose 4—are the hardiest, most vigorous and most productive of all Seed Potatoes for the South. All are Maine grown.

BLISS RED TRIUMPH is the South's most popular Potato and we sell 5 times as many as all others combined. It's adapted to the entire South; it's an extra early; it's a sure producer; its handsome appearance when first dug makes it a ready seller at top prices; it withstands heat and drouth well, making a crop when others burn up and make nothing. This is the most satisfactory Potato to plant but you must plant good seed Potatoes. **Write for prices when ready to buy.**

IRISH COBBLER. In shape very similar to Red Triumph but with creamy white skin, slightly netted. Cooks quickly, is almost pure white; mealy, but not too dry. A good shipper and keeper for home use. **Write for prices.**

HASTINGS' IMPROVED EARLY ROSE OR ROSE 4. This is the favorite in the great Potato growing districts of Florida, especially around Hastings, Florida. Over 300,000 barrels have been shipped in one season from that district. It is an improved strain of Early Rose. **Write for best prices.**

WRITE FOR POTATO PRICES. At the time this part of our catalog goes to the printer, prices on seed potatoes have not settled. It is impossible to make prices that will stand through January, February and March. When in the market write us for prices on the quantity and variety you want, using Quotation Sheet in back of this catalog. Our seed potatoes are right quality and prices will be as low as we can make them.

Rhubarb or Pie Plant Roots Rhubarb is about the earliest plant you can use in the spring for pie making and stewing. It also has great medicinal qualities; extract of Rhubarb is largely used to aid digestion. It is not recommended for Gulf Coast sections but it does well in the Central South and further north in moist, rich, heavily fertilized, partly shaded locations. Set out roots in early spring. **ROOTS**—30 cents; 4 for \$1.00; postpaid. **Write for quantity prices.** Roots are sent separate from seed orders as we wait for seasonable time to ship.

Horseradish Roots There are very few people who don't need, at some time or other during the year, horseradish for seasoning. You can usually buy it at the stores but so adulterated as to be almost worthless. Horseradish can be grown almost anywhere in the South successfully, but gives best results in rich, rather moist, partly shaded locations. **Prices:** 25 Roots or sets, 35 cents; 50 for 60 cents; 100 for \$1.00; postpaid. Roots are sent separate from seed orders as we wait for seasonable time to ship to prevent damage in transit.

Garden or English Peas for Planting in the South

Prices include Postage
Prepaid on Packets, 1-2,

1 and 2-lb. Packages. Larger quantities by
Express or Freight at Purchaser's Expense

Culture The small, extra early, round-seeded varieties, such as John L. and Alaska, can be planted very early, as it takes a hard freeze to kill them. In this latitude (Atlanta) begin sowing early in January and sow at intervals of ten days or two weeks until about March 15th; after that date it is advisable to sow only the taller-growing varieties with wrinkled seed, varieties like Surprise, Bliss Everbearing, coming into this class. The wrinkled varieties must not be planted until ground begins to warm up.

Wrinkled peas rot without germinating in cold ground. In Florida and along the Gulf Coast all varieties can be planted all through the winter months. The extra earlys should be thickly sown in drills; 2 pounds of seed to each 100 feet of row, and covered about 2 inches. As soon as the weather warms up they will make rapid growth. They should be kept cultivated clean and as soon as they begin to bloom, earth should be worked up around the stems. Be sure to make succession sowings every two weeks to keep up your supply until the long bearing varieties come in. None of the heavy bearers should be planted until the soil warms up, usually in the month of March in the latitude of Atlanta. Many people do not plant these taller-growing varieties on account of the trouble of "staking" or "brushing". Varieties like Bliss Everbearing, Home Delight, etc., can be planted in double rows about 6 inches apart and let run together, leaving 2 feet between the double rows. Being stiff in their character of growth they largely support each other. Keep working the soil up around the stems and all varieties will stay in bearing longer. Southern gardens should certainly grow more peas. They are delicious.

Hastings' John L. (No. 316)---Earliest Extra Early

Earliest of all the extra early varieties; for home use, market or shipment. Since 1898 it has held the record for earliness against all of the best strains of early peas sold by other American seedsmen and during that time no pea has been introduced that equals it for earliness and productiveness in the extra early class. John L. is a standard with Southern gardeners, both for shipping and home markets, and every year we sell hundreds and hundreds of bushels of this variety to Florida shippers. The earliest time on record in

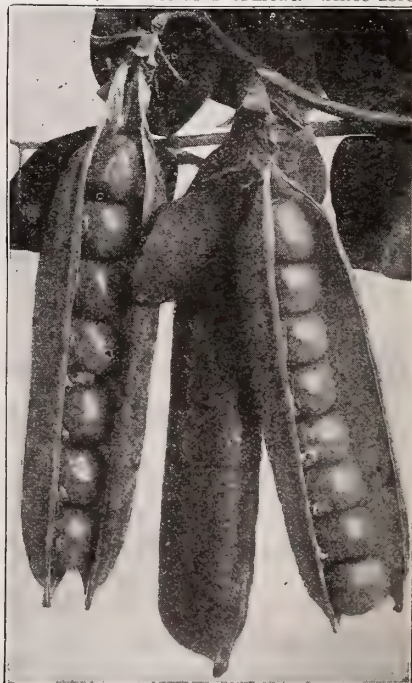
early maturity was made with this variety years ago by C. J. Montgomery, St. Augustine, Florida. He planted 15 pounds of John L., and on the 30th day from planting gathered one bushel of well developed pods therefrom. This really is a wonderful first early pea and a variety that always makes good when the highest prices are obtained. Packet, 10c; ½ pound, 20c; pound, 35c; 2 lbs., 65c; postpaid. Not prepaid, 10-lb. lots or over, 13c per lb.

Alaska Extra Early (No. 317) Next to John L., this is the best, round extra early pea; about one week later than John L. in earliness and is the best quality and heaviest bearer of all the round-seeded extra early varieties. A splendid shipper and one of the very best you can plant in the garden for home use for an extra early. Foliage and pods light green; pods 2½ inches long, round, straight and square ended, containing six peas. Seeds are of bluish shade, well rounded out and the fresh peas are about equal to the wrinkled peas in quality. There are a great many peas being sold under the name of "Alaska" that are from run-out stock or else not kept true to name. These dwarf varieties have to be "rogued" very carefully each year to keep them true to type. This we do very carefully and you can depend on us. For canning, marketing or home use you will find them absolutely satisfactory. Packet, 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; postpaid. Not prepaid, 10 pounds or over, 13 cents per pound.

Hastings' John L. Extra Early Peas

and square ended, containing six peas. Seeds are of bluish shade, well rounded out and the fresh peas are about equal to the wrinkled peas in quality. There are a great many peas being sold under the name of "Alaska" that are from run-out stock or else not kept true to name. These dwarf varieties have to be "rogued" very carefully each year to keep them true to type. This we do very carefully and you can depend on us. For canning, marketing or home use you will find them absolutely satisfactory. Packet, 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; postpaid. Not prepaid, 10 pounds or over, 13 cents per pound.

Hastings' Extra Early Surprise Pea (No. 315) This extra early, wrinkled pea beats them all in combining in one variety, earliness, heavy-bearing and most delicious eating quality. While a true wrinkled variety it is a very early bearer. Vines grow 20 to 24 inches high and require no "staking" or "brushing" when planted in double rows according to our culture directions. Foliage and pods are light green; round pods containing 6 medium sized green peas are 2½ inches long, with blunt ends. Uniform in maturity and yet very productive makes this pea popular with the canners. It has also developed into a splendid shipping variety and many prefer it for this reason. However, if you want an early pea for good eating at home, for sale at nearby markets, for canning or shipping, this variety will please and pay you well. Packet, 10 cents; ½ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 10 pounds or over, 15 cents per pound.



Type of Alaska Extra Early Pea

Thomas Laxton (No. 323) This pea is considered the finest pea in cultivation. It is early but a heavy bearer and professional growers as well as home gardeners say it is the greatest pea of today. Closely resembles the Gradus or Prosperity but harder and slightly earlier. Pods with 7 peas are about $3\frac{1}{4}$ inches long, straight, well filled, rounded with rather a blunt end. The large wrinkled peas are of a greenish cream color and the plants are very vigorous growing. This is a very popular variety among the Florida and Gulf Coast growers. The flavor is very pleasing and the peas retain their tenderness. Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Not prepaid: 10 pounds or over, 18 cents per pound.

Gradus or Prosperity (No. 330) It's a superb extra early wrinkled variety with immense pods, is hardy and can be planted almost as early as Alaska. Grows $2\frac{1}{2}$ feet high, strong and vigorous. Quality delicious, $3\frac{3}{4}$ -inch medium green pods with 6 to 8 large, very sweet peas. Packet, 10c; $\frac{1}{2}$ pound, 20c; pound, 40c; 2 pounds, 70c; postpaid. Not prepaid: 10 pounds or over, 15 cents per pound.

Nott's Excelsior (No. 319) An extra early, dwarf-growing wrinkled variety, very similar to American Wonder, but one-third larger; of the same earliness and delicious flavor. Pods are more closely packed with peas than any other variety. Stout and heavy; $2\frac{3}{4}$ -inch round pods with blunt ends; 6 light green peas of high quality; productive. Packet, 10c; $\frac{1}{2}$ lb., 20c; lb., 40c; 2 lbs., 70c; postpaid. Not prepaid: 10 pounds or over, 15 cents per pound.

Market Surprise (No. 322) New large podded extra early. Vigorous growth with stocky vines, growing $2\frac{1}{2}$ feet high. Very prolific for an extra early pea, the pods containing 8 to 9 fine peas of rich green color. You will like Market Surprise for it's equally good for home gardens and for market. Packet, 10c; $\frac{1}{2}$ lb., 20c; lb., 40c; 2 lbs., 70c; postpaid. Not prepaid: 10 pounds or over, 15 cents per pound.

Premium Gem (No. 331) A dwarf, wrinkled, extra early variety, growing about 15 inches high, and is one of the earliest of the good quality varieties for home gardens. This is an older variety that certainly deserves its great popularity. Packet, 10c; $\frac{1}{2}$ pound, 20c; pound, 40c; 2 pounds, 70c; postpaid. Not prepaid: 10 pounds or over, 15 cents per pound.

Second Early—Heavy Bearers

Bliss Everbearing (No. 329) The greatest favorite among our customers for home gardens and nearby markets. Height of vine 2 to 3 feet. Pods 3 to 4 inches long, each pod containing 5 to 6 wrinkled peas of very fine table quality. Size of peas large to very large, frequently $\frac{1}{2}$ inch in diameter. Its habit of growth is of peculiar branching character, forming as many as ten stalks to a single root. The individual or separate branches are of extraordinary strength and substance so that when hilled up properly they stand without "brushing". This variety is especially noted for its continuance of bearing, a characteristic which gives it special value for late spring and early summer use. Even after repeated picking the vines continue to develop buds and blossoms which mature into fine peas. Packet, 10c; $\frac{1}{2}$ pound, 20c; pound, 40c; 2 pounds, 70c; postpaid. 10 pounds or over, 15 cents per pound; not prepaid.

Hastings' Home Delight Pea (No. 328) Planted by tens of thousands of our customers with entire satisfaction. Earliest bearer of the second early or heavy-bearing varieties; a strong, vigorous grower, coming in right after the extra early sorts, and while enormously productive is of such stiff, stocky growth that it can be grown without "brushing" when planted in double rows 6 to 8 inches apart, rows running together as soon as high enough. The sweetness and tenderness and heavy-bearing qualities give entire satisfaction. Packet, 10c; $\frac{1}{2}$ pound, 20c; pound, 40c; 2 pounds, 70c; postpaid. 10 pounds or over, 15 cents a pound.



Hastings' Home Delight Pea—A Fine Second Early



Type of Gradus or Prosperity Pea—Fine for Gardens

GOOD GARDENS Careful soil preparation, fertility and frequent shallow cultivation make good gardens, provided good seeds are planted. Hastings' Vegetable Seeds are bred and selected for heavy bearing vegetable plants and uniform, attractive, delicious vegetables. It pays to Plant Hastings' Seeds.

Little Marvel (No. 314) An excellent dwarf wrinkled variety for the market and home garden. The pods average a little longer than those of Premium Gem, are more attractive in shape and color and the peas are of superior quality. The very prolific vines are heavily set with large, straight, deep green pods which are square ended and are well filled with 7 large, tender peas of dark green color. This is a recent introduction which trials show us to be of exceptional merit. Packet, 10c; $\frac{1}{2}$ lb., 20c; lb., 40c; 2 lbs., 70c; postpaid. Not prepaid: 10 pounds or over, 15 cents per pound.

Hastings' Improved Telephone Pea (No. 327) One of the best tall varieties. It has been found exceedingly profitable by both home and market gardeners. Grows 4 to 6 feet tall and must be "brushed"; immensely productive, bearing 25 to 30 extra large pods to each vine. It has that excellent, sugary flavor, so desirable in garden peas. Vines and foliage strong and heavy, medium green. Pods $4\frac{1}{2}$ inches long, medium light green, straight, broad and pointed, containing 8 large light green peas; main crop, productive. Packet, 10c; $\frac{1}{2}$ pound, 20c; pound, 40c; 2 pounds, 70c; postpaid. Not prepaid: 10 pounds or over, 15 cents per pound.

Black-Eyed Marrowfat (No. 320) Old, well-known very strong growing varieties that are favorites. When properly "brushed" they are exceedingly heavy bearers and very profitable. Hand picked stock. Each: Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 35 cents; 2 pounds, 65 cents; postpaid. Ten pounds or over, not prepaid, 12 cents a pound.

Champion of England (No. 332) One of the very richest, best flavored late peas. Well-known and popular; tall growing, 5 feet, peas with wrinkled seeds; a heavy bearer. Packet, 10c; $\frac{1}{2}$ pound, 20c; pound, 40c; 2 pounds, 70c; postpaid. Not prepaid: 10 pounds or over, 18 cents per pound.

Sugar or Salad Pea (No. 326) A distinct variety with edible pods, cooked and eaten in the same manner as snap beans. These are great favorites with those who have once used them. Packet, 10 cents; $\frac{1}{2}$ pound, 20 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid. Ten pounds or over, not prepaid, 18 cents a pound.

NOTICE FREE FLOWER SEED OFFER ON INSIDE FRONT COVER

PEPPERS

Culture Pepper seed does not germinate freely in a temperature of less than 65 degrees, hence should be started in hot beds, in protected boxes or else planting deferred until the ground gets well warmed up in the spring. When plants have 6 to 8 leaves and danger

of frost is past they can be set in the open ground in rows 3 feet apart, 14 to 16 inches apart in the row. As the plants begin to produce fruit draw the earth up around the stem as a partial support. Sweet peppers can also be sown in July and August in Florida for the fall shipping crop, many finding this more profitable than spring shipping crops. In spring planting, 1 ounce of pepper seed will usually make about 1000 good strong plants if properly handled. Most gardeners prefer to plant seed at the rate of about ½ pound per acre to make sure of a sufficient quantity of plants.

Hastings' Mixed Peppers (No. 351) Almost all home gardeners want both sweet and hot peppers in their garden and with this end in view we make each year a mixture of the seed of all varieties catalogued by us;

hot and sweet, large and small. This mixture gives you some of every kind in your garden. In no other way can you get so large and useful an assortment as in our packet of mixed peppers. We sell thousands upon thousands of packets of Mixed Peppers every year and they give the greatest satisfaction. At least one packet of this ought to have a place in every seed order for the home garden in the South. **Packet, 10c; 3 packets, 25c; postpaid.**

Ruby King This leading variety of sweet pepper for

Mixed Peppers both home and market use has been one of the finest peppers ever sold and we reluctantly stopped selling it, but it must give way to its superior. **Hastings' Royal King** is the same type but much better in every way. Therefore, wanting our customers to have the best of every type, we ask you, for your best interests, to plant **Royal King**.

Large Bell or Bull Nose The standard large variety for home use, also for market and shipping to Northern markets from Florida, Louisiana and Texas. Rather mild flavor, is comparatively early and a heavy producer of fruits, 3 to 3½ inches long and 2 to 3 inches across the shoulder. **Packet, 5 cents; ½ ounce, 15 cents; ounce, 25c; ¼ pound, 90c; pound, \$3.00; postpaid.**

Hastings' Golden Prize Large, bright golden-yellow variety; very sweet and mild. In some places this is eaten like an apple in the raw stage and it is said to cure chills and fever. **Packet, 10 cents; ½ ounce, 20 cents; ounce, 35 cents; ¼ pound, \$1.25.**

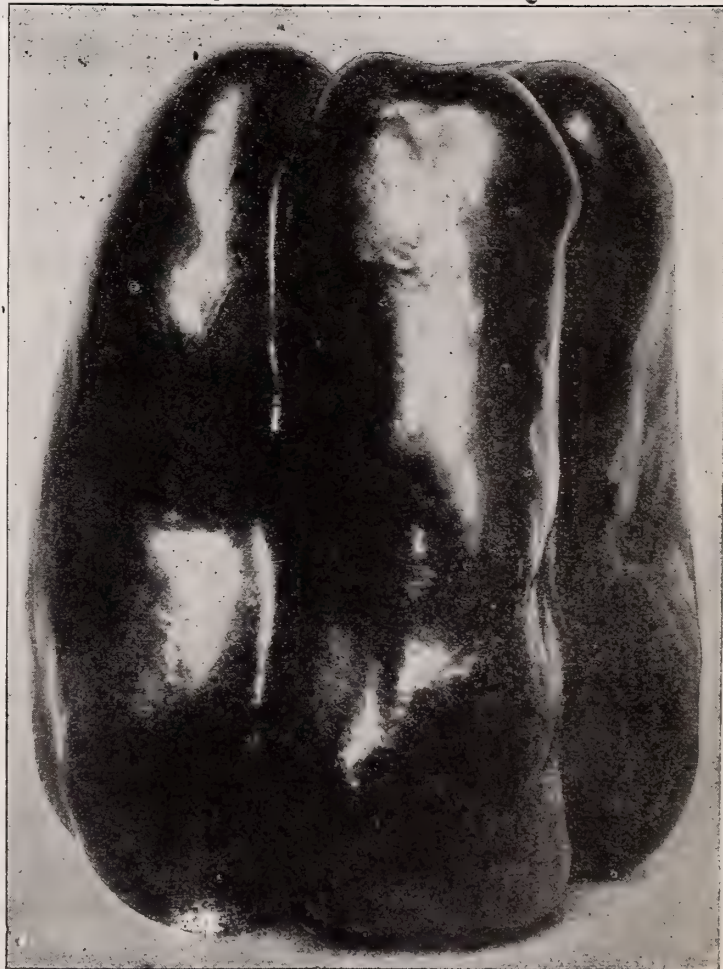
Ruby Giant (No. 359) If you want an exceptionally large, mild pepper, here it is. **Hastings' Ruby Giant** is a cross between **Ruby King** and **Chinese Giant**, having the good qualities of both yet without the undesirable qualities of either. It is very attractive, grows to large size, is exceptionally mild, and when ripe is of a bright scarlet color. Flesh exceedingly thick, sweet, and so mild that it can be eaten raw.

Ruby Giant is early in maturing; the plant is vigorous and upright, taller than the **Chinese Giant**, much more productive and an excellent large sweet pepper for stuffing. It makes a satisfying table pepper, an ideal home garden sort, and is a quick basket filler, that will sell on sight, for the market gardener. **Packet, 10 cents; ½ ounce, 20 cents; ounce, 35c; ¼ pound, \$1.25; pound, \$4.00; postpaid.**

Chinese Giant A monster of the pepper family, single specimens of this having been grown weighing 18 ounces. Plants of strong, stocky, bushy, erect growth, 18 inches to 2 feet high. Very prolific, setting 3 to 4 of the extra large fruits at the base which ripen while second crop is setting on the branches. Fruit is much larger than **Ruby King** and **Large Bell**; almost square in shape with few seeds, while the flesh is very thick. In flavor it is very mild. **Packet, 10 cents; ½ ounce, 30 cents; ounce, 50 cents; ¼ pound, \$1.75; pound, \$6.00; postpaid.**



Red Chili—Our Best Hot Pepper Plant For Drying, Stringing and Flavoring



Ruby Giant Pepper (Natural Size)—A Real Giant Sweet Pepper

PIMIENTO

PEPPERS



PIMIENTO—MILDEST FLAVORED OF ALL PEPPERS

(No. 358) This superb, mildest flavored of all peppers is fast becoming well known to the people of the Southeastern States, and it is the variety for every one desiring mildness of flavor, for it is absolutely free of the pungent flavor that so many consider undesirable. Pimiento was first introduced in Southern California in 1911, and has become a staple crop in that section not only for home and market use, but for canning as well. California canneries use entire crops from large acreage. It has also been grown and canned successfully in Middle Georgia on a large scale since 1915. It can be eaten raw like an apple; can be stuffed with meat and baked; can be used as a salad and also canned for use at any time of year. It has thick, firm flesh which permits its being scalded and peeled. Should be in every family garden in the South because it is delicious stuffed with salads. Our illustration from a photograph shows its shape and appearance and is a little over half its natural size. Packet, 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50; postpaid.

HASTINGS' ROYALKING

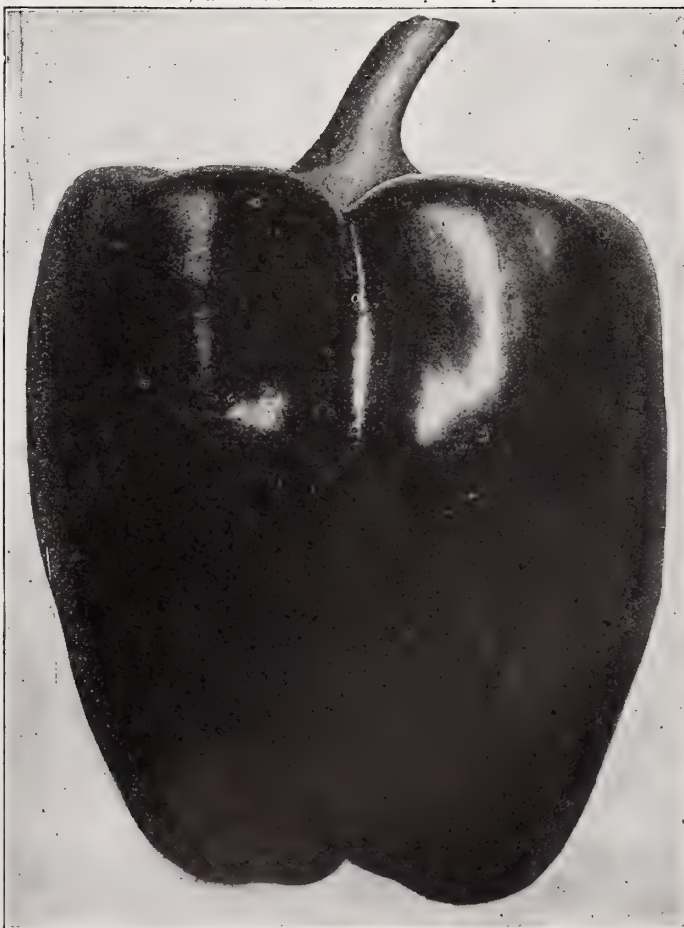
(No. 357) Introduced by us in 1917. While it is a superb sweet pepper for home and market use we want to especially call the attention of the trucker or shipping market gardeners to its regularity of size and shape, making it an exceptionally desirable variety for good packing and fine appearance on arrival in the markets. This will insure its being a top price seller at all times.

This new sweet pepper is an exceptional introduction and has taken the place of our popular Ruby King. It is very prolific, bright and glossy, of large size (the illustration to the right shows the natural size and type of this new variety); the flesh is mild and thick and the lobes well filled out. It runs remarkably true to type and uniformity of size for a pepper, and the plants are of strong, stocky, erect growth. It is a native Southern pepper, originating right here in Georgia, and has made good from the start. When we say it is better than our Ruby King we are saying a great deal, but we want you to plant this variety this year. Taste it raw, stuff it with meat and bake it and fill it with salads for the table; we believe you will like it and agree with us that it is the bell type pepper you have been looking for. We recommend it as the best bell pepper in existence. Packet, 10 cents; $\frac{1}{2}$ ounce, 20 cents; ounce, 35 cents; $\frac{1}{4}$ pound, \$1.25; pound, \$4.00; postpaid.

Long Cayenne (No. 349) Our Long Cayenne is a burning hot pepper. Larger than Red Chili but just as hot and pungent. Cayenne is a long red pepper and this is the true type. Plant some of these for dried peppers during the winter. Packet, 10 cents; $\frac{1}{2}$ oz., 20 cents; oz., 35 cents; $\frac{1}{4}$ pound, \$1.25; postpaid.

Red Cluster (No. 353) Deserves a place in your flower garden. Very ornamental, with hundreds of small red peppers of hot pungent flavor. Packet, 10 cents; $\frac{1}{2}$ ounce, 20 cents; ounce, 35 cents; $\frac{1}{4}$ pound, \$1.25.

Red Chili Pepper (No. 354) A well-known very hot, pungent variety. Fine dried for winter use. If you want very hot, pungent peppers for flavoring, Red Chili is fine. It is small and very bright red and exceedingly prolific. If you want the hottest peppers and a plenty of them, plant Red Chili. This is the best hot pepper we can possibly offer and it will please you if you want the hottest peppers. Packet, 10 cents; $\frac{1}{2}$ ounce, 20 cents; ounce, 35 cents; $\frac{1}{4}$ pound, \$1.25.



Hastings' New Royal King Pepper



Extra Moss Curled Parsley Leaf low soil. Fresh manure makes coarse roots of uneven shapes. Sow seed from January to April in the cotton belt for spring and summer crop; in Gulf Coast section and Florida, from September to December for winter and spring crop. Plant in rows 2 feet apart and cover seed $\frac{1}{2}$ inch, pressing down soil. When well up, thin plants to 6 inches apart. Plant one ounce to 100 feet of row; 5 pounds per acre.

Improved Hollow Crown (No. 311) The best all-round variety of parsnips. The leaves start from a depression in the crown of the root, thus giving it the name of "Hollow Crown". Rich, with smooth white skin, very sweet flavor, immensely productive; ready for use in 80 to 85 days. Roots are smooth; in good soil 15 inches long by 3 inches across the shoulder; tender and sugary. Packet, 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 35 cents; pound, \$1.00; postpaid.

TOBACCO

Southern farmers, their tenants and employees consume every year several million dollars of smoking and chewing tobacco. Be sure of having a good supply of pure, unadulterated natural leaf for either smoking or chewing that has not been "doped" or "doctored" by the manufacturer. Most of the tobacco used is grown in the South. Why not grow yours? A packet of seed will supply almost anyone.

CULTURE—Use clean land for Tobacco plant beds. It is customary to burn off a piece of land in the woods. This kills weeds, grass and insects, adds potash fertility from wood ashes and leaves soil in good shape. Sow seeds about February and protect with a plant-bed cloth from tobacco flies. Transplant after weather is settled, latter May or early June, to well fertilized or manured soil, 3 feet apart in $3\frac{1}{2}$ foot rows. Give constant attention to cul-

tivating, suckering and worming. Tobacco may be sun or flue-cured. One ounce will plant 50 square yards.

Hester (No. 435) --for Smoking Has size, shape, color, ripens early, cures bright, most adaptable and surest variety for all soils and climates. Packet, 10 cents; $\frac{1}{2}$ ounce, 25 cents; ounce, 40 cents; $\frac{1}{4}$ pound, \$1.25; pound, \$4.00; postpaid.

Yellow Pryor (No. 436) --for Chewing Fine variety to grow in the South for chewing purposes. Makes, when sun cured, the best natural chewing tobacco. Leaf is of medium size with good body and exceptionally fine grain and silky appearance. Packet, 10 cents; $\frac{1}{2}$ ounce, 25 cents; ounce, 40 cents; $\frac{1}{4}$ pound, \$1.25; pound, \$4.00; postpaid.

SWEET, POT AND MEDICINAL HERB SEED



Type of Yellow Pryor Tobacco for Chewing

Anise (No. 980)—Aromatic seeds used as a condiment. Leaves finely fringed and are used in garnishing and flavoring. Packet, 10 cents.

Balm (No. 981)—Leaves fragrant like Lemon Verbena. Add fine flavor to summer drinks. Useful for tea in fevers. Packet, 10 cents.

Borage (No. 982)—Excellent bee food and honey plant; leaves used for flavoring cordials. Grows freely on all soils and the sky blue flowers are an addition to any flower garden. Packet, 10 cents.

Caraway (No. 984)—Produces aromatic seeds used for flavoring bread, cakes, etc. Packet, 10 cents; ounce, 20 cents.

Catnip or Catmint (No. 985)—Leaves used both dry and green for seasoning. Packet, 10 cents.

Dandelion (No. 998)—Improved large leaved for greens; also grown for roots. Sow about May for leaves the following spring. Packet, 10 cents; ounce, 50 cents.

Dill (No. 987)—Seeds strongly aromatic, and have a pungent flavor. Used for flavoring pickles and as a condiment. Packet, 10 cents; ounce, 25 cents.

Horehound (No. 988)—Leaves are used for seasoning; also in making candy and cough medicine. Packet, 10 cents.

Lavender (No. 989)—The common lavender; leaves used for seasoning. The dried flowers are highly esteemed for perfume. Packet, 10 cents.

Marjoram, Sweet (No. 990)—Tender shoots and leaves are used for seasoning and can be dried for winter use. Packet, 10 cents.

Pennyroyal (No. 991)—Low, creeping plant, ornamental for covering ground in damp, shady places. Furnishes the medicinal properties for menthol pencils and headache cures. Packet, 10 cents.

Sage (No. 994)—Most popular garden herb; used in flavoring or seasoning and is supposed to have medicinal values. Cut the leaves when plant is coming into flower and dry quickly in the shade. Plants live through the winter and may be divided for an even better second crop. Packet, 10 cents; ounce, 20 cents.

Summer Savory (No. 995)—Leaves and tender flower stalks used for flavoring. Much like Thyme, but milder. Packet, 10 cents.

Thyme (No. 996)—Leaves and tender shoots used for seasoning during summer and dried for winter. Delicious flavoring for sausage and meats. Packet, 10 cents; ounce, 50 cents.

Wormwood (No. 997)—The dried leaves are used as a tonic, vermifuge and dressing for fresh bruises, also fine poultry tonic. Packet, 10 cents.

PARSLEY

An extremely beautiful plant used for garnishing and for flavoring or seasoning soups and stews. Use the green leaves for flavoring or dry them crisp and rub into a powder, keeping in bottles until needed for flavoring.

CULTURE—Parsley succeeds best on a rich, mellow soil. The seed usually take 3 to 4 weeks to germinate and it is best to soak seed in water 12 hours before planting. Plant in rows 1 to 2 feet apart and cover seed $\frac{1}{2}$ inch with fine soil pressed down. When plants are about 3 inches high thin out to 4 to 6 inches apart, and if the leaves of the curled varieties are cut off at this time, the plants will start a new growth of brighter and better curled leaves. If the leaves start to turn brown, cut off; each cutting improves the growth. Plant one ounce to 200 feet of row; 3 pounds per acre in early spring or in the fall.

Extra Moss Curled Parsley (No. 308) Our fine strain of Extra Moss Curled is the most ornamental of all varieties. It is handsome enough to have a place in your flower garden, a favorite sort for garnishing, flavoring and to supply hotels and markets. It is planted almost exclusively by Atlanta market gardeners for that purpose. It's a compact growing parsley; leaves are a dark green color, very finely cut and so closely curled as to resemble bunches of moss. Packet, 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00; postpaid.

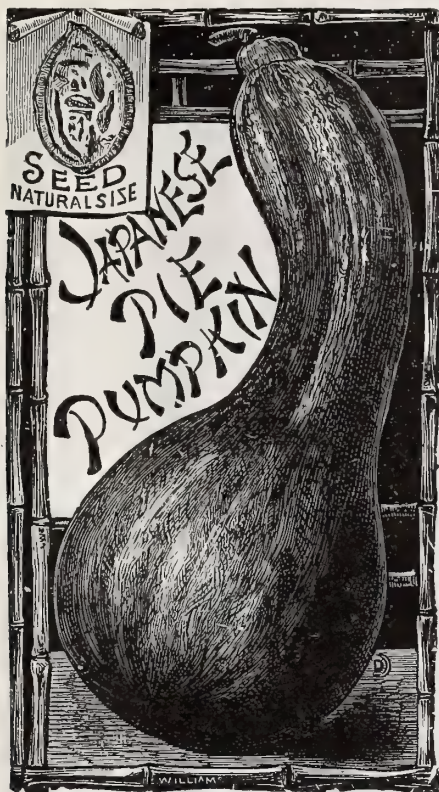
Double Curled Parsley (No. 309) Plants of dwarf, compact growth, and the young leaves have the edges heavily crimped, giving a general appearance of coarse moss. Especially planted by market gardeners. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents; postpaid.

Plain Leaved Parsley (No. 310) A very hardy, perfect growing variety, most excellent for seasoning, for which purpose it is grown almost exclusively. The leaves are flat, deeply cut, very dark green color and not curled. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents; postpaid.

PARSNIPS

Excellent for table use, prepared like turnips or carrots, and Parsnips produce an immense crop of roots on favorable soil. They are more nutritious than turnips and any surplus will be found very valuable in stock feeding, especially for milk cows.

CULTURE—Parsnips succeed best on deep, rich, sandy soil but do well on any good, deep, mellow soil. Fresh manure makes coarse roots of uneven shapes. Sow seed from January to April in the cotton belt for spring and summer crop; in Gulf Coast section and Florida, from September to December for winter and spring crop. Plant in rows 2 feet apart and cover seed $\frac{1}{2}$ inch, pressing down soil. When well up, thin plants to 6 inches apart. Plant one ounce to 100 feet of row; 5 pounds per acre.



PUMPKINS should be grown more largely on every farm in the South. Many sorts are splendid for pies and baking; others make a wonderful feed for stock during the winter months. This is a neglected crop in the South now, but should be more largely grown. Pumpkins are easily sold in the towns and cities when not wanted for use on the farm. Plant them on the farm this year—it will pay you.

Culture Usually grown in cornfields, but if grown as a separate crop, seed should be planted in hills 8 to 10 feet apart each way after weather and soil get warm. Plant about 10 seeds to a well fertilized hill, thinning to 3 plants per hill after well started. Don't plant near squash or the squash will be crossed and ruined. Hoe often till vines begin to run. Cut pumpkins from vine after the leaves die, leaving 3 to 4 inches of stem attached, and store in dry place. Handle carefully and avoid bruising. Use one ounce of seed to 20 hills of most varieties; 3 to 4 pounds per acre.

Japanese Pie Pumpkin (No. 366) Distinct Japanese variety adapted to all parts of the South. Our engraving shows the exact shape of this variety. Very meaty and solid in general appearance.

ance resembles the Cashaw, but is earlier and usually larger. Meat is rather free from water and is easily cut and dried if desired. **Packet, 10 cents; ounce, 15 cents; ¼ pound, 40 cents; pound, \$1.25; postpaid.**

Tennessee Sweet Potato (No. 361)

Pear shaped and a little ribbed; color creamy white, sometimes striped with green; hardy, productive and keeps till late spring. Looks like a sweet potato when cooked and has a delicious taste. **Packet, 5c; ounce, 15c; ¼ pound, 40c; pound, \$1.25.**

Sweet or Sugar

(No. 364) First-class sweet yellow fleshed variety for pies and baking. It is small, being 10 to 12 inches in diameter, but its quality is the finest. Heavy bearing and unexcelled as a table variety. Raise some for pies. **Packet, 5 cents; ounce, 10 cents; ¼ pound, 30 cents; pound, \$1.00.**



Sweet or Sugar Pumpkin

Hastings' Big Jumbo Pumpkin (No. 363)

See illustration of this monster variety. Do you want to grow the biggest Pumpkin in your county? Our Jumbo is the variety to do it with. The Pumpkin from which the picture was made weighed 220 pounds. It is nothing to grow them weighing from 100 to 125 pounds on unfertilized ground. Under good cultivation it's a monster. Quality is good, considering the size. Flesh a bright yellow; fine grained. **Packet, 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

Southern Field (No. 360)

Famous old-time Pumpkin. Strong, vigorous grower and very prolific. **Packet, 5 cents; ounce, 10 cents; ¼ pound, 25c; pound, 75c; postpaid.**

Improved Green Striped Cashaw (No. 365)

This is our favorite of the Cashaw type of Pumpkin for the South. Attractive in appearance, a distinct mottled green striped with white. Flesh is a rich yellow color; solid, fine grained and very thick. Sweet and most excellent for both pies and baking. Can be grown among the corn, makes heavier yields than the old Yellow Cashaw and is better for stock feeding. **Packet, 10c; ounce, 15c; ¼ pound, 40c; pound, \$1.25; postpaid.**



Hastings' Big Jumbo Pumpkin, the King of All the Big Pumpkins

HASTINGS' RADISH SEED



Hastings' Early Long
Scarlet Radish

Culture For best results radishes require a rich, loose, moist soil, so they can be grown quickly. The crisp, tender flesh of early radishes depends almost entirely on rapid growth. Successive plantings should be made every 10 days or two weeks to keep up a continuous supply of crisp and tender radishes. For early use plant the round or button radishes and olive shaped. For later use plant the long and half-long varieties, as they root much deeper and better resist heat and drought. What are known as winter radishes should be sown in August and September. For winter use, they may be pulled, packed in damp sand and stored in a cool cellar until needed. All radishes should be sown thinly in drills about one foot apart, seed covered $\frac{1}{2}$ inch and kept clear of grass and weeds. Our radish seed is of the very best, grown from carefully selected and transplanted roots. Very easy to grow. Sow one ounce of seed to 100 feet of row; 10 to 12 pounds per acre.

Hastings' Early Long The most popular of all radishes in the South for general garden and market use. Our illustration shows the remarkable shape of our strain of this variety. It's a favorite everywhere, no vegetable garden being complete without it. Tops rather small, roots long and tapering to a decided point; color an intense bright scarlet. Flesh is very crisp and tender and when grown rapidly, as all radishes should be, it is free from all pungent taste. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75c. Not prepaid: 5 pounds or over, 50c per pound.



Hastings' Glass Radishes

long variety in the South both for home and market use. Color bright red with white bottoms. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents; postpaid.

Hastings' Glass Radish (No. 383) After we introduced this radish it was called "Cincinnati Market Radish" by a Northern seed house and is generally catalogued by Northern houses under that name. We consider it one of the finest of the long red or pink radishes. It is of bright pink color with white tips; very regular and uniform in size and shape. Flesh transparent, giving it the name of Glass Radish, always crisp and brittle, with mild flavor even when grown to large size. Desirable for both market or home use. The illustration above shows how nicely these fine radishes bunch and pack for market. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents. Not prepaid, 5 pounds or over, 50 cents per pound.

White Strasburg (No. 385) Oblong, tapering shape, skin and flesh pure white; firm, brittle and tender, retaining its crispness even when the roots are old and large. Best variety for summer use and an excellent all-around variety. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents; postpaid.

Long White Vienna or Lady Finger (No. 388)

An early maturing and attractive, long white, summer radish of most excellent quality. The tops are of medium size. The roots are clear white, slender, smooth and average when mature 6 to 7 inches long by about $\frac{3}{4}$ -inch in diameter. The flesh is very crisp and tender. This variety is desirable for market and home garden use. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Not prepaid: 5 lbs. or over, 50c per pound.

Long White Icicle Radish (No. 382)

Excellent and profitable; a distinct sort: ready for use as soon as Hastings' Early Long Scarlet, and has fewer leaves. Admirable alike for open air and under glass. The Icicle is perfectly white in color, very long, slender and tapering shape. It quickly grows to market size, crisp and brittle, and of mild, sweet flavor. A fine variety for market and home gardeners who want an early, long radish. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Not prepaid: 5 pounds or over, 50 cents per pound.

Chartier (No. 373)

Grows to a large size, but not very uniform in shape. Red at the top, pink in the middle, white at the tips; handsome appearance when pulled at the right time. It is especially fine flavored when grown quickly in the South. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c; postpaid.

French Breakfast (No. 389)

A very tender and mild radish, favorite for an early half-

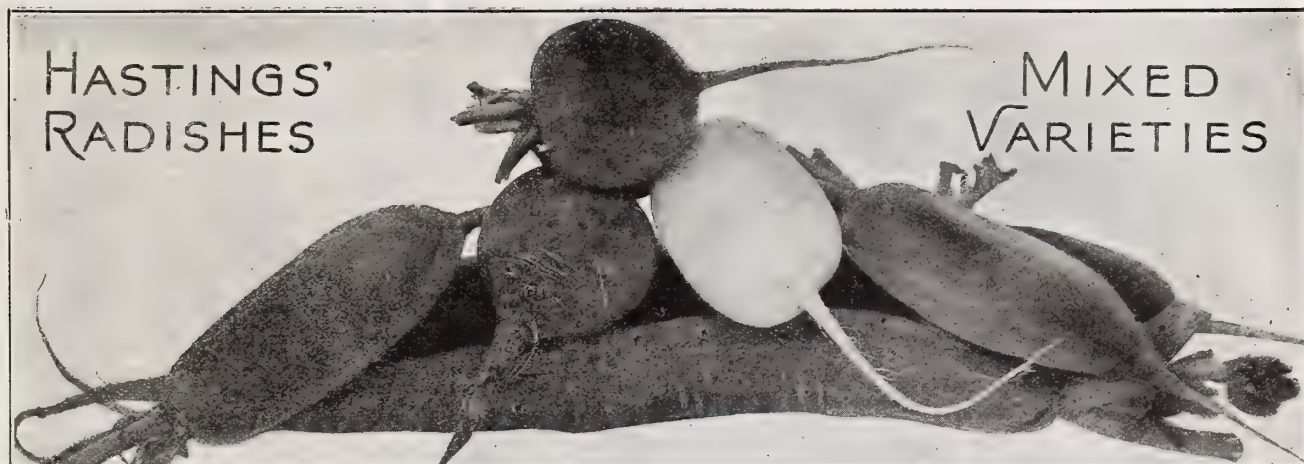


Hastings' Long White Icicle Radish

fine radishes bunch and pack for market. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents; postpaid.

Near As Your Mail Box

"I mailed a P. O. Money Order at Stanford, Kentucky, May 1st, about 10 o'clock and received the seeds May 4th at 10 o'clock (3 days), and was somewhat surprised at getting the seeds so soon, and also the amount of seeds, as your 10c packets contained nearly as much again as the packets of seeds that we get from the dealers here. Yours with thanks."—J. N. Green, R. F. D., Crab Orchard, Ky.



HASTINGS' MIXED RADISHES (No. 387)

Hastings' Mixed Radishes contain some of each variety catalogued by us, except the winter varieties. It contains early, medium and late varieties, the round, the half long and long. For home garden use we sell tens of thousands of packages of this justly celebrated mixture every year. It is deservedly popular, giving as it does a succession of crisp, tender radishes throughout the season from one sowing. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00; postpaid.

Scarlet Button Radish

(No. 381) A favorite extra early radish; round form and deep scarlet skin; mild flavor, crisp and very tender; short narrow leaves, making a very small top. This is a

very popular radish, resembling Rosy Gem, except it hasn't the white tips. The round or button type is the most popular garden radish and our Scarlet Button leaves nothing else to be desired. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75c.

Rosy Gem Radish (No. 375)

This is the most satisfactory radish that we know. A favorite among market gardeners for forcing as well as for open ground growth. We have seen it ready for market here in Atlanta in 18 days from the time seed was sown. A most desirable variety for home gardens and almost identical with the Scarlet Button except in white shading at the base of root. One of the earliest varieties; globe shaped, with rich, deep scarlet top, shading to pure white at the bottom. Very tender and crisp, never becoming pithy until very old. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. Not prepaid, 5 pounds or over, 50c per pound.

Crimson Giant (No. 378)

A large sized extra early turnip radish, a little longer in shape than the Scarlet Button but brighter red color; twice the size. It grows quickly and even when it attains large size remains tender and of fine flavor to the last. Will prove a money-maker for the market gardener, as its bright crimson color makes it a seller on first sight. Equally valuable for home garden use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Half Long Deep Scarlet (No. 384)

As shown by our illustration it is about half way between Scarlet Button and Long Scarlet in shape. Of most beautiful appearance and in market brings high prices. The skin color is a brilliant scarlet throughout; flesh a clear white; crisp, tender and free from pungency or hotness, so common in many radishes. An extra early variety, and is thoroughly satisfactory to Southern gardeners who plant it. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 25c; pound, 75c; postpaid.

Earliest Carmine, Olive Shaped (No. 374)

Very handsome and considered by many as the best of the extra early olive-shaped radishes. Olive-shaped, smooth skin, dark carmine color. In 20 to 22 days the crisp, tender little radishes are ready for use. Tops small and of rather upright growth. This is a fine radish. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 25 cents; pound, 75 cents; postpaid.

California Mammoth White (No. 390)

Largest of all the winter radishes and extensively grown by the Chinese gardeners in California. It grows 10 to 12 inches long and from 2 to 3 inches in diameter. Pure white skin and flesh; solid, crisp and pungent. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00; postpaid.

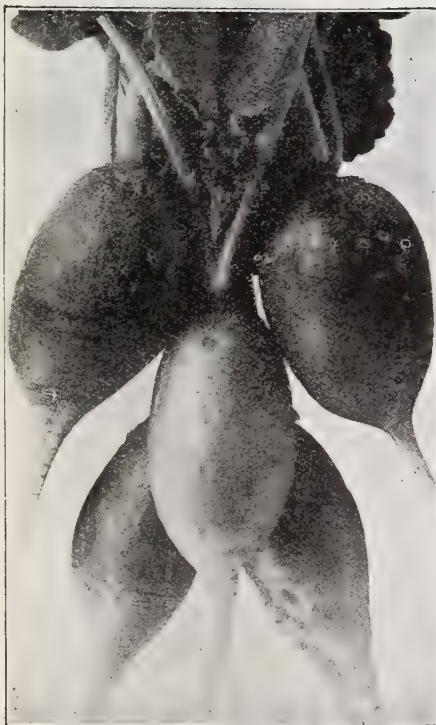
China Rose Winter (No. 377)

Distinct handsome variety of winter radish. Skin a deep scarlet, with flesh pure white, solid flesh; fine pungent flavor; stump rooted, 4 to 5 inches long and 2 inches thick. Good keeper well into spring. Packet, 5 cents; ounce, 10c; $\frac{1}{4}$ pound, 30c; pound, \$1.00.

Black Spanish Winter (No. 386)

Best variety of black skinned winter radish; hardy roots 8 inches long and 2 to 3 inches across. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00.

MARKET GARDENERS ATTENTION—Write us for special prices on 5-pound lots or over on any vegetables you plant. We can often save you money and worry.



Half Long Deep Scarlet Radish



Hastings' Scarlet Button Radish



Hastings' Aragon Spinach for Spring or Fall

tered; color glossy medium green. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 20 cents; pound, 60 cents; postpaid.

NEW ZEALAND SPINACH

(No. 416) the finest flavored "greens" all summer for an average size family. Plant in March or April where plants are to stand.

It does well on poor or rich soil; the plant grows large and spreading and the tender shoots are of fine quality with small, broad, pointed leaves. Seed start growth quicker if soaked in warm water for 24 hours. New Zealand Spinach should be in every Southern garden as an all summer vegetable. Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 50 cents; pound, \$1.50.



Hastings' New Zealand Spinach

HASTINGS' SPINACH

No vegetable or plant makes better or more nutritious greens than Spinach. No doubt you've read about vitamins, and there are thousands who eat yeast cakes and tablets to get that body building item—fat soluble vitamins. Of course your body needs vitamins but you may be interested to know that a couple bites of Spinach contains more vitamins than any yeast cake you ever saw. The reason people need more vitamins is because people don't eat enough green vegetables.

Spinach greens are much more delicious than Turnip, Beet, Rape and Dandelion greens. Plant Aragon or Bloomsdale for early use and New Zealand for a plenty of fine greens all summer long.

Our specially grown spinach is far superior to the spinach seed commonly sold. Its germination is stronger and better, the growth larger, more vigorous, and harderier.

CULTURE—Spinach requires rich soil, the richer the better, and can be sown during January, February and March, while the ground is not frozen. It germinates freely in cold weather and is a rapid grower. Leaves are usually large enough for eating in 8 weeks. Sow one ounce of seed to 100 feet of row.

Hastings' Aragon Spinach (No. 411)

Very best variety for the South. Fine market size, having a large, thick, green leaf, well crumpled or savoyed, and stands a long time before running to seed. The hardest of all varieties, standing an ordinary cold winter without damage in this latitude. At the same time it is one of the best heat-resisting sorts for late spring use. This variety has been thoroughly tested and pleases all market gardeners who use it. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 20 cents; pound, 60c; postpaid.

Bloomsdale (No. 412)

A valuable variety which is extensively grown, producing large crops of thick-leaved spinach. Very early and hardy; one of the best for market and canning.

Plants of upright growth, leaves of medium size, more or less crumpled or blis-



Sandwich Island Salsify

SALSIFY VEGETABLE OYSTER

Salsify is one of the most desirable and nutritious winter vegetables. The roots when cooked are delicious and may be served in many ways. The flavor is very much like oysters and especially where it is difficult to get fresh oysters, Salsify is very popular. Let them grow until frost and stay in the ground until needed. They are greatly improved by remaining in the ground during freezing weather.

CULTURE—Salsify succeeds best on a rich, light, deep soil. Avoid fresh manure as it makes badly shaped and uneven roots. Sow seed early in spring in rows about 18 inches apart and thin plants to 3 inches apart. Cover seed $\frac{1}{2}$ inch. Cultivate frequently and let grow all summer. Dig when needed through the fall and winter but all should be dug before growth begins in the spring. They may be dug and stored in a pit or cool cellar. Sow one ounce to 100 feet of row.

Mammoth Sandwich Island (No. 404)

Easily the best variety. It is a large and strong grower with long, smooth, white tapering roots, excellent in quality and less likely to branch than other sorts. Equally desirable for home and market gardeners. Plant some for good eating next winter. Packet, 10 cents; ounce, 20 cents; $\frac{1}{4}$ pound, 65 cents; pound, \$2.00; postpaid.

It Pays to Plant Hastings' Tested Seeds

Hastings' Summer Bush Squash

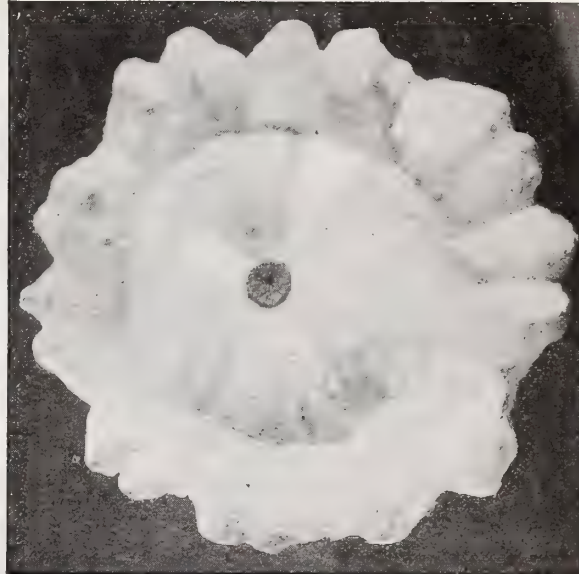
Culture Squash will not stand frost and cold nights, hence plantings should not be made until danger of frost and cold nights are over. Work the soil deeply before planting. For the bush varieties, hills should be 3 to 4 feet apart each way; 6 to 10 seeds in each hill, covering seed about 1 inch. Thin out to 2 plants after rough leaves are formed. One or two shovelfuls of well rotted manure to each hill, thoroughly worked into the soil, is advantageous. Hoe often, keeping down all weeds and grass. Keep surface soil loose, but do not disturb the plants while bearing. Keep the squash picked off as soon as ready for use, as this keeps the plants bearing longer. Running squash for fall and winter use should not be planted until June or July in this latitude. Hills for these should be made 8 to 10 feet apart. Hoe frequently but do not disturb the runners. Seed required: One ounce to 25 hills, two to three pounds per acre.

Hastings' Mammoth White Bush (No. 420) A marked improvement over the Early White Bush, being nearly double the size and more regular in shape. Early, uniform and prolific; has beautiful clear white skin and flesh and grows 10 to 12 inches in diameter. Fine for family gardens and nearby markets, and when picked young can be used for shipment. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00; postpaid.

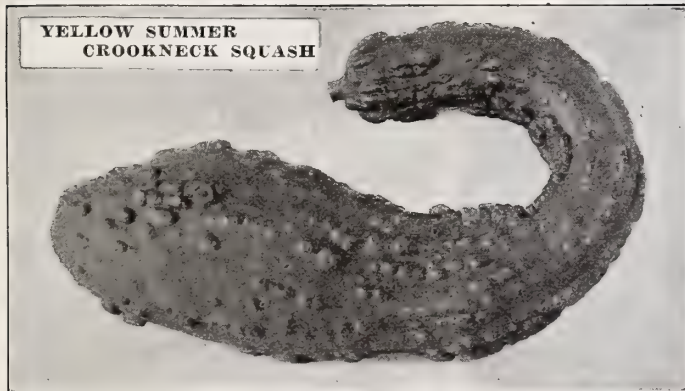
Early White Bush (No. 425) The well-known White Scallop or Patty Pan Squash. One of the earliest to mature, very productive; skin and flesh a light cream color. Similar to Mammoth White Bush except finer grained and not so large. A very popular variety for shipment to Northern markets from Florida as well as being a general favorite for home gardeners everywhere. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00; postpaid.

Golden Custard (No. 422) Much larger than any other scalloped variety. It's nothing unusual to have them reach a size of 2 feet in diameter when planted on a rich, moist soil. In color, a rich, dark golden yellow. This variety has smooth skin, is very evenly scalloped and uniform in growth. Of the regular bush form, immensely productive and of fine quality. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00; postpaid.

Early Yellow Bush (No. 424) Identical with Early White Bush except in color, which is bright golden yellow. Pkt., 5c; ounce, 10c; $\frac{1}{4}$ lb. 30c.; lb. \$1.00; postpaid.



Hastings' Mammoth White Bush Squash



Giant Summer Crookneck (No. 426) In this extra large variety we have one containing the good qualities of the crooknecked squash and at the same time giving nearly double the size of the Yellow Summer Crookneck. For market gardeners growing for nearby markets and home gardens it is especially desirable. It is rather too large to ship, but with this variety you can double the yield from same area that you do with the other sorts. Packet, 10 cents; ounce, 15 cents; $\frac{1}{4}$ pound, 40 cents; pound, \$1.25; postpaid.

Yellow Summer Crookneck (No. 421) Old, well-known crookneck variety for home and market gardens. Fruits small, of bright orange yellow color and covered with warty excrescences. It makes an excellent shipper, is fine grained and of good quality, especially desirable for its rich, buttery flavor. We consider this the best squash. The sweet buttery flavor and prolificacy beats them all. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 30c; pound, \$1.00; postpaid.

Market Gardeners Attention!

For special prices on 5 pounds or over of vegetable seeds, use the Yellow "Quotation Sheet" in the back of this catalog. It will pay you well to plant Hastings' Seeds entirely, and the price will be Right.

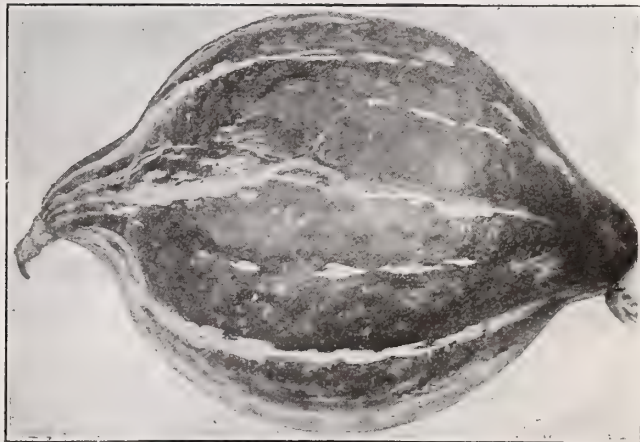
RUNNING OR MARROW SQUASH

Distinct from the Bush or Summer squashes, the vines running 10 to 12 feet long and the squashes are 6 to 12 pounds in weight. In flavor much richer than the Summer Squashes. For fall and winter use plant in June or July, and after cutting, store in cool, dry place until wanted for use.

Boston Marrow (No. 428) Most popular running variety. A very productive fall and winter squash of medium to large size, oval shape (as shown by the illustration), and thin skin. It is generally used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon yellow color, fine grained and of excellent flavor, but not as dry as the Improved Hubbard. A good keeper and shipper. Packet, 5 cents; ounce, 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00; postpaid.

Early Prolific Marrow (No. 423) Very similar to the Boston Marrow, rather more prolific and about one week earlier. Packet, 5 cents; ounce 10 cents; $\frac{1}{4}$ pound, 30 cents; pound, \$1.00; postpaid.

Improved Hubbard (No. 427) Not recommended for general planting in the South but does well in a few localities. One of the best of the winter squashes where it does well. Vines are vigorous and very productive. The fruits are large, heavy, and moderately warted; they have very hard shells. Skin is dark bronze green; the flesh is bright orange yellow, fine grained, thick, dry and finely flavored. The illustration is from a fruit of our Improved Hubbard Squash. Packet, 5c; ounce, 10c; $\frac{1}{4}$ pound, 30c; pound, \$1.00; postpaid.



Type of Marrow and Hubbard Squash

HASTINGS' TOMATOES

Hastings' tomato seed has a reputation surpassed by that of no other house in this country. It leads all others in the tomato shipping sections of Florida, Mississippi and Texas. Even in Cuba and Mexico planters want none but our seed for shipping crops. Our seed stands the test of time. It's not a case of good one year and poor the next, but it's good all the time. Makes paying crops for the men who grow tomatoes for shipment in the South; makes paying crops for local market gardeners; it gives all home gardens a bountiful supply of delicious, large sized, smooth tomatoes all through the summer; it's exactly the seed you want for your use this year, no matter whether you garden for market or for home use.

Culture Tomatoes vary considerably in time of maturity according to both variety and season. Extra earlies such as Hastings' Extra Early Prolific mature from spring plantings in 85 to 90 days; second earlies such as Redfield Beauty in 95 to 100 days; late sorts like Stone in 110 to 115 days. In the Atlanta latitude start seed in hotbeds or boxes in the house between February 15 and March 1. Give plenty of light and space between the plants or they will be weak and spindling. Scatter seed in bed or box thinly and cover with about $\frac{1}{4}$ inch of soil. Transplant to open ground as soon as danger of frost is past. Before transplanting, break the soil deeply and work in stable manure or fertilizer thoroughly. Set plants 3 feet apart each way; give clean cultivation. As plants grow it is best to tie them to stakes and thin out the leaves so the sun can penetrate and ripen the fruit quicker. A second seed planting made in May will make plants that begin to bear in August and continue until frost. One ounce of seed makes about 1,500 good plants. Plant about four ounces of seed per acre.

Hastings' Dwarf Champion Tomato (No. 452)

Our special strain of Dwarf Champion is the only first-class tomato of sufficient stiff growth to stand up clear of the ground without staking, thus keeping fruits off the ground. Growth stiff, upright and compact; second early; fruits medium size, of purplish pink color; regular in size and shape and very smooth skin; one of our most popular and desirable varieties. We consider our seed crops of Dwarf Champion the most uniform and beautiful fields of tomatoes ever grown. It is a thoroughly satisfactory tomato. Packet, 10 cents; $\frac{1}{2}$ ounce, 20 cents; ounce, 35 cents; $\frac{1}{4}$ pound, \$1.00; pound, \$3.50; postpaid.

The Stone (No. 449) A first-class main crop; extra large, smooth variety of bright red color. Used in some sections for winter shipment, and a standard sort for those who grow tomatoes for canning. A large, smooth, solid, meaty tomato for all purposes and a splendid variety to furnish late tomatoes everywhere. Packet, 5c; $\frac{1}{2}$ ounce, 15c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00; postpaid.

Spark's Earliana (No. 457) Extra early tomato of good size and flavor. Plants hardy, with rather slender open branches; moderate growth well set with fruits, all of which ripen early. Bright deep scarlet color, growing in clusters of 5 to 8 fruits, averaging $2\frac{1}{2}$ inches in diameter. Packet, 5 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 90 cents; pound, \$3.00; postpaid.

Chalk's Early Jewel (No. 451) One of the very best of the second early class of tomatoes, ripening soon after varieties like Hastings' Extra Early Prolific. Fruits are uniformly larger, thicker, more solid and of much finer quality than most of the extra early varieties. Fruits very deep through, being almost round or apple shaped; about three inches in diameter and bright deep scarlet red. The inner part is very solid and fleshy, with very few seeds, the seed cells being very small and fruits nearly all solid flesh. Quality exceptionally sweet and free from acid. Packet, 5 cents; $\frac{1}{2}$ oz., 15 cents; oz., 25 cents; $\frac{1}{4}$ pound, 90 cents; pound, \$3.00; postpaid.

THE MOST SATISFACTORY TOMATO THAT YOU CAN GROW. See how it looks in full color

Hastings' Dwarf Champion Tomato

The Stone Tomato—Large, Solid, Smooth, Round, Deep Red

HASTINGS' REDFIELD BEAUTY TOMATO (No. 445)

on the front cover. Our Redfield Beauty is the right size, the right earliness, the right shape, the right color, the right bearing qualities, the right shipping and eating qualities; in fact, it's an all right tomato in every respect. It has been planted since 1895 in Florida, Georgia, Alabama, Mississippi, Louisiana and Texas, and in all tests it has proven its superiority over all other famous varieties. Its vigorous growth, heavy and long bearing qualities and its comparative freedom from rotting under the most trying conditions of growth, make it a favorite everywhere. Its color is glossy crimson with a slight tinge of purple. Grows in clusters of three to five fruits and is the most regular in size and shape of fruit of any variety known. Retains its large size until all are picked. Of perfect shape and unexcelled for toughness of skin and solidity. Especially valuable for market gardeners who have to ship long distances or carry in wagons over rough roads. The skin does not break easily. In competitive tests it has excelled all the noted varieties put out by Northern houses in recent years; not one of them has proven equal to it. For the shipper and market gardener it is the best; for the home garden it is none the less valuable, combining as Hastings' Redfield Beauty does, every desirable quality in tomatoes. Large packet, 10c; $\frac{1}{2}$ ounce, 20c; ounce, 35c; $\frac{1}{4}$ pound, \$1.00; pound, \$3.75; postpaid. Five-pound lots and over at \$3.25 per pound, not prepaid.

RED ROCK, THE BIG RED SOLID MEATY TOMATO

(No. 455) Red Rock is beyond question the best large late red tomato for home use, nearby market or for canning. Red Rock matures in from 110 to 115 days. It is extraordinarily solid—hence the name of Red Rock. Perfectly smooth, has no superior in texture or flavor and is as red as a tomato can be. It's a red that goes all the way through. The meat is solid without being hard, and is of the finest flavor. Practically no waste tomatoes in a crop of Red Rock. Plant Red Rock this year. You will like it and it will repay you many times for planting it. Packet, 10c; ½ ounce, 20c; ounce, 35c; ¼ lb., \$1.00; lb., \$3.50; postpaid.

June Pink (No. 460) A Pink Earliana. Often brings 25 per cent higher price in markets where pink varieties are preferred. Enormous bearer, frequently bearing clusters of six to eight medium size, uniform, smooth and attractively shaped fruits. Bushes are compact yet branch freely. Excellent for shipping, a favorite with the market gardener for an extra early purplish pink tomato, and always a delight in the home garden. Packet, 10 cents; ½ ounce, 25 cents; ounce, 40c; ¼ pound, \$1.25; pound, \$4.50; postpaid.

Hastings' Long Keeper (No. 448) No variety equals our Long Keeper in heat and drought resisting qualities, making it especially valuable for furnishing a continuous supply through our long summers when other sorts die out; it's resistant to unfavorable conditions and it is adapted to the entire South. Fruits over 3 inches in diameter and are bright red in color. Pkt., 10 cents; ½ ounce, 20 cents; ounce, 35 cents; ¼ pound, \$1.00; pound, \$3.50; postpaid.

Livingston Favorite Tomato (No. 442) A standard well-known variety for home use or nearby markets. Color: glossy crimson, tinged with purple. Packet, 5c; ½ ounce, 15c; ounce, 25c; ¼ pound, 90c; lb., \$3.00.

Duke of York, the Blight Proof (No. 456)

In some parts of the Southeastern States a disease, known as Southern Tomato Blight, is very troublesome. As the fruit begins to "set," plants begin to die and there is no known remedy for this disease. It seldom appears on new land or land that has not been planted in tomatoes, but when it does appear the only way to succeed is to plant a variety that is blight-resistant. The Duke of York is remarkably blight-resistant. While not of as fine eating quality as others it is a splendid shipper and makes a fine market appearance. Fruits form in clusters of 5 or more and are above the average size; a strong, healthy grower, big cropper and stays in bearing a long time. If you have ever been bothered with tomato blight, this is the very variety for you. Genuine Duke of York. Packet, 10 cents; ½ ounce, 25 cents; ounce, 40 cents; ¼ pound, \$1.25; pound, \$4.50; postpaid.

Mansfield Tree Tomato (No. 458) Very strong growing variety, which has to be well tied to stakes to keep from sprawling on ground. Fruits extra large, average one pound in weight, and of fine quality. Packet, 10 cents; 3 packets, 25 cents; postpaid.

Red Pear Shaped (No. 454) Small odd looking tomatoes.

Yellow Pear Shaped (No. 450) Very strong growers, and very productive. Suitable for preserves and pickling. Each packet, 10 cents; ½ ounce, 25 cents; ounce, 45 cents.

Yellow Plum Tomato (No. 461) Similar to the Pear Shaped but larger and plum shaped; sweet, meaty and prolific. A Girls' Canning Club favorite for preserves. Packet, 10 cents; ½ ounce, 25 cents; ounce, 45 cents.

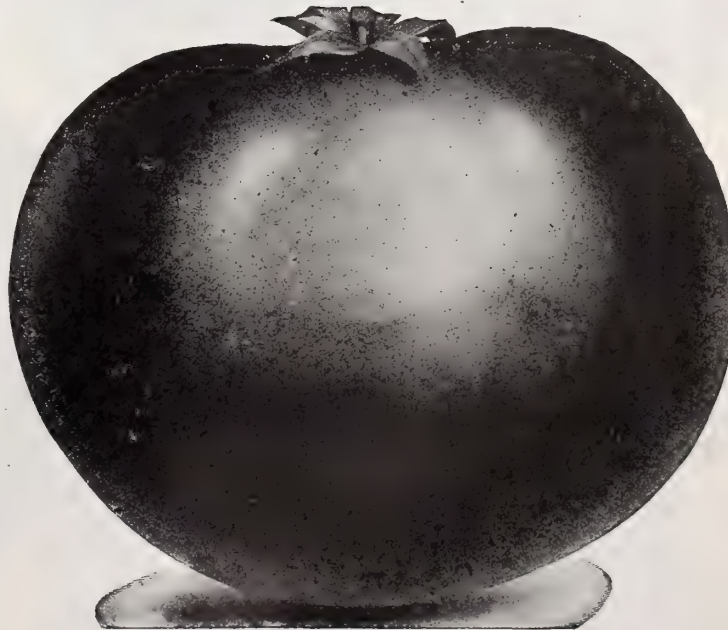
TOMATO COLLECTION 25c

For an all season supply our Special Tomato Collection will please you. Good, smooth, large tomatoes from the beginning of season until frost. One full size packet each of Redfield Beauty, Dwarf Champion, Longkeeper and Matchless, four splendid varieties for 25 cents.



Hastings' Red Rock Tomato For Home Use and Canning

Hastings' Matchless (No. 447) This variety is well named, for it has no equal as a large second-early, whether for home use, nearby markets, or canning. Vigorous grower, very productive and continues to produce large sized fruits until frost. Its luscious fruit is large to extra large; very meaty and solid, with few seeds. Its color is a brilliant red and one of the most beautiful tomatoes we have ever seen. Foliage heavy, protecting the fruit from sunscald during late summer. Packet, 10c; ½ oz., 15c; oz., 25c; ¼ lb., 90c; lb., \$3.00; postpaid.



Duke of York—the Great Blight-Proof Tomato

HASTINGS' EXTRA EARLY PROLIFIC TOMATO (No. 444)



Hastings' Improved Purple Acme Tomato

Hastings' Improved Purple Acme (No. 441) Notice the heavy bearing quality of this splendid tomato in the above picture from a photograph. One of the finest varieties on our list. A big improvement over the old Acme, which was so popular everywhere. One of the earliest, is almost round and has a thin but very tough skin. Our Improved Acme is a very heavy bearer, ripening evenly all over. Has a lovely purplish pink color, making it especially desirable as a market and shipping variety. Has few seeds; is thick, meaty and solid. It makes a desirable sort for either market or home use with its fine color and flavor. Packet, 5 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 90 cents; pound, \$3.00.

HASTINGS' BRIMMER TOMATO (No. 463) The largest of all Tomatoes. Many wonderful claims have been made for Brimmer and it is a wonderful tomato for home use. Single tomatoes weighing 3 pounds and 18 inches around have been grown by training to a single stem. It must be staked. The Brimmer has no core, very few seeds and is solid and nearly all meat. It is an early variety and continues to bear the large sized fruit all through the season. Even though so large, fruit are well shaped, bright red and make the finest slicing Tomatoes, remarkably free from acidity, which keeps some people from eating Tomatoes. Grow the biggest and best Tomatoes in your neighborhood this year with Hastings' Brimmer. They are delicious. Packet, 10 cents; $\frac{1}{2}$ ounce, 30 cents; ounce, 50 cents; $\frac{1}{4}$ pound, \$1.75; pound, \$6.00; postpaid.

Earliest, most prolific, smoothest, and largest size of all the extra early tomatoes. For the market gardener it insures earliest in market; for the home garden the first ripe tomatoes in the neighborhood. Vigorous grower and "sets" fruit from the first bloom. It has open foliage, and fruit, $2\frac{1}{2}$ to 3 inches across, colors quickly to a deep, rich red. Very great and valuable is its cluster habit and we have seen as many as 31 good-sized smooth, ripe tomatoes on a single plant. Plant this heavy-bearing early tomato for the first tomatoes of the season. It's a wonder. Packet, 10 cents; $\frac{1}{2}$ ounce, 25 cents; ounce, 40 cents; $\frac{1}{4}$ pound, \$1.25; pound, \$4.50; postpaid.

Livingston Manyfold (No. 462) Exceedingly prolific very early new cluster tomato. Brightest red inside and out and very largest early cluster tomato, averaging five to the cluster. Appeals strongly to canners, makers of catsup and for home gardeners. Packet, 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50; postpaid.

Ponderosa (No. 443) Exceptionally large in size. It must have rich soil to be a success, but fruits are very large, purplish pink in color, solid, meaty, and very sweet. These being large and ribbed, are for home use. Packet, 10 cents; $\frac{1}{2}$ ounce, 25 cents; ounce, 40 cents; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

Early Detroit (No. 459) A valuable second early variety for home use, market or shipping. Vines vigorous and productive. Fruits medium size, good form and have a purplish pink color. Fruits rather thicker than most tomatoes. Firm and of good quality. Packet, 5 cents; $\frac{1}{2}$ ounce, 15 cents; ounce, 25 cents; $\frac{1}{4}$ pound, 90 cents; pound, \$3.00; postpaid.

Golden Queen (No. 453) Very handsome and the best large smooth yellow tomato. Meaty, solid, and sweet, with bright golden-yellow color. Packet, 10 cents; $\frac{1}{2}$ ounce, 20 cents; ounce, 35 cents; postpaid.

Livingston Globe (No. 446) A most popular tomato with Florida shippers. Our seed stock of this variety is grown from Livingston's original strain and kept absolutely pure. We find it one of the earliest; fruits are smooth and of good size, firm flesh and few seeds. Very productive fruit, being short jointed and clusters of fruit form at each joint. Fruits are of right size and shape to pack well for shipment. Color of skin purplish pink, almost the shade of our Redfield Beauty. Seen both in our own crops and by observation of market gardens is that almost all come true globe-shaped, certainly thicker than almost any other variety and it is a paying variety to plant. Packet, 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75; postpaid.

GARDEN VARIETIES Home Gardeners seeing a number of varieties highly recommended and deliciously described, are often afraid they will order the wrong kind. You can hardly make a mistake in planting any variety we list. If a good variety begins to "run out" we stop selling it and unless it is most worthy and desirable you will not find it at Hastings'.



Livingston Globe Tomato

Plant a Few Spring Turnips

Culture Spring plantings of turnips are important although the general crop for winter is usually sown late in the summer or fall. The spring sown seed germinate rapidly and turnips are ready for use very early. Being grown under more favorable conditions of temperature than in the fall, they are more tender, sweeter and more juicy than those grown in the summer and fall. Sow thinly in drills from January to March, according to locality covering seed lightly. They make best on new ground

or ground that has not been cultivated for several years. If stable manure is used it should be applied several months before the crop is planted as fresh manure makes spotted turnips, inferior in quality and with a rank flavor. For fall or winter use sow rutabagas July 15th to September 1st; turnips August 1st to October 15th in this latitude; farther South they can be planted later, and in Florida plantings can be continued all through the winter. Sow 1 ounce of seed to 200 feet of row; 2 to 3 pounds per acre.



Hastings' Early White Flat Dutch Turnip



Hastings' Early Red or Purple Top Strap Leaf Turnip

Early White Flat Dutch (No. 467) One of the most popular varieties for either spring or fall plantings. Medium size and a quick grower. It is flat, as shown in the illustration above, with very small, fine tap-root. Flesh and skin pure white, fine grained and sweet. Especially fine flavored when grown quickly in spring. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 75c; postpaid. Not prepaid: 10 pounds or over, 50 cents per pound.

Early Red or Purple Top (No. 466) See the illustration of this variety above. Another popular variety of early flat turnip, being almost identical with Early White Flat Dutch except for the deep red or purple color of the skin at top of bulb; known in many sections as Purple Top Flat Dutch and Purple Top Strap Leaf. A very quick grower, with fine-grained, sweet-flavored flesh. The red top of the bulb extends down to where it rests in the ground, adding much to the attractive appearance of this variety. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 75c; postpaid.

Southern Snow-White Globe (No. 471) Color, pure white, shape round, size large, solid, quick growing for a turnip, producing great weight to the acre. Very popular as a late winter and spring variety. In fall and early winter it is apt to be hard, but mellows like an apple in keeping. It is productive, hardy and resembles Purple Top Globe except in color. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 75 cents.

Golden Ball (No. 474) A splendid and distinct yellow variety. Fine grained, medium sized variety, as round as a ball, with a clear, deep, orange color. Bulbs of medium size, a rapid grower, maturing early. Has small tap roots. This is the finest flavored of all the yellow varieties for table use. Packet, 5c; ounce, 10c; ¼ pound, 25c; pound, 75c.

Long White or Cowhorn (No. 470) Roots long and carrot-shaped, one-third to one-half of which are formed above ground. It roots deeply, resisting drought and cold well. Flesh pure white, fine-grained, sweet and of excellent table quality. Packet, 5 cents; ounce, 10 cents; ¼ pound, 25 cents; pound, 75 cents.

Purple or Red Top Globe (No. 475) Our most popular variety for general planting. Medium early, globe shaped, handsome appearance and heavy cropper in all parts of the South. You cannot plant too many of them either for home use or market. Always of good quality, a good keeper and seller in the market. Packet, 5c; ounce, 10c; ¼ pound, 30c; lb., \$1.00; postpaid.

Extra Early White Egg (No. 476) Finest flavored of all early turnips, and with favorable season is ready for use in 6 weeks. Skin and flesh a pure, snowy white; solid, fine-grained, sweet, and a good seller. Looks very attractive bunched for sale, and gardeners with this variety have no difficulty in selling at top prices. This is perhaps the very best variety for spring planting. Packet, 5 cents; ounce, 10 cents; ¼ pound, 25 cents; pound, 75c; postpaid.

Extra Early Milan (No. 465) Earliest of all turnips. A flat, purple-topped variety, resembling Early Red or Purple Top, but one to two weeks earlier. Perfect in shape and color; sweet and fine grained. Packet, 5c; ounce, 15c; ¼ pound, 40c; pound, \$1.50.

PRICE NOTE—10 pounds or over, not prepaid, 50 cents per pound on all turnips except Nos. 465, 475 and 477.



Hastings' Purple Top Globe Turnip

HASTINGS' BIG 7 TURNIP COLLECTION 35c

The most popular of all Turnip collections. Hastings' "Big 7" gives each family in the South its chance to have a full supply of early, medium and late turnips. For 35 cents we will send you, postpaid, one full ounce each of Extra Early White Egg, Purple or Red Top Strap Leaf, Early White Flat Dutch, Purple or Red Top Globe, Yellow or Amber Globe, Improved American Rutabaga, and Seven Top Turnip. Seven ounces of Turnips, all different, of the very best seed for 35 cents, delivered at your post-office. No other varieties will be sold at this price and no changes will be allowed in this collection. If you do not want to plant all this seed this spring, what you hold over is perfectly good for next fall's sowings. This superb turnip collection is now a standard for all turnip planting in every Southern State. This collection will give all the turnips any ordinary family can use and more. Remember: These are full ounces of Hastings' Turnip Seed.

7 Ounces, 7 Varieties, 35 Cents Postpaid



Hastings' Improved American Rutabaga—The Finest Rutabaga in the World

Yellow or Amber Globe (No. 469)

Sometimes called Yellow Stone. Undoubtedly the best of the yellow fleshed sorts. Globe shaped, light yellow colored skin and flesh. Fine grained, sweet and a good keeper. A heavy cropper. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

Early Snowball (No. 472)

A splendid extra early white skinned and fleshed turnip that is fine for spring planting. Flesh snowy white, crisp and tender. Pkt., 5c; ounce, 10c; ¼ pound, 25c; lb., 75c; postpaid.

Seven Top (No. 477)

The "salad" variety so largely planted in fall for greens during winter. Sown in earliest spring it furnishes "greens" very quickly. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid. Not prepaid: 10 lbs. or over, 40c per lb.

Hastings' Mixed Turnips (No. 479)

A mixture of all varieties of turnips and rutabaga listed by us, giving a variety of turnips from one sowing, root varieties as well as "turnip greens." Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

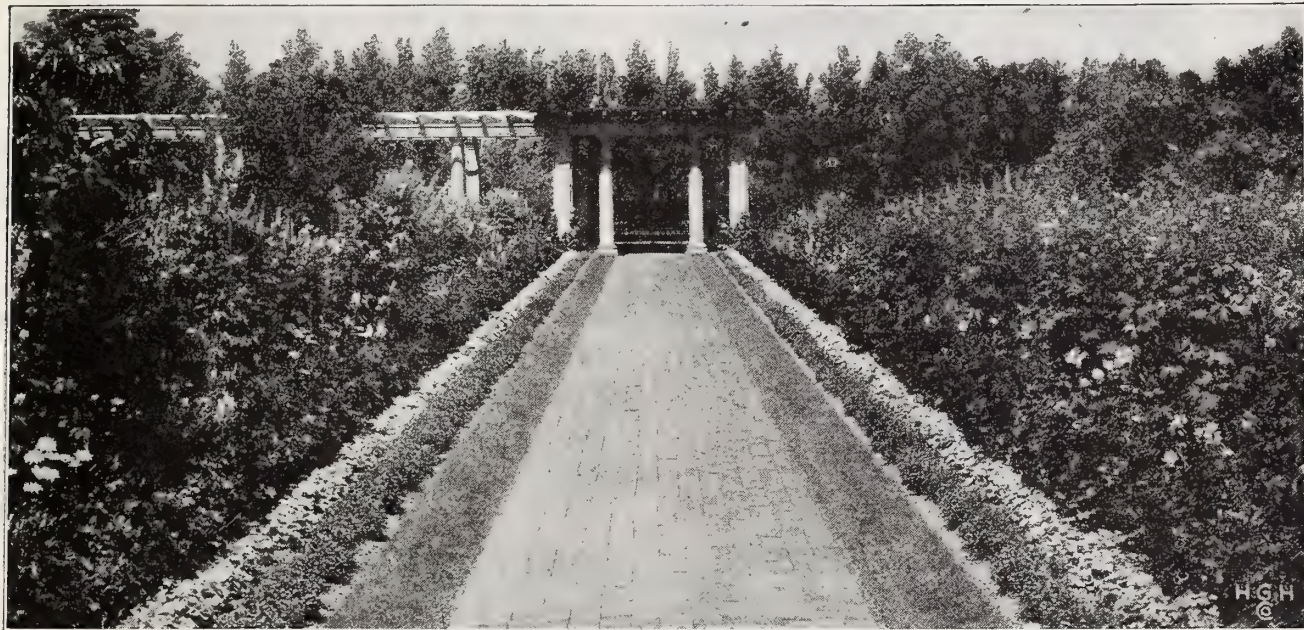
Hastings' Improved American Rutabaga (No. 468)

Best and heaviest cropper of all rutabagas for the South. Of fine form, with rich purple colored top and light yellow flesh of most pleasing appearance. The flesh is tender, sweet and exceptionally free from hard, stringy nature. Has comparatively small tops, fine feeding roots, and is the surest and heaviest cropper. We have sold this special strain of American Rutabaga since 1892 and we have never had a variety of vegetable that has given such general satisfaction in all sections and in all kinds of seasons. Packet, 5 cents; ounce, 10 cents; ¼ pound, 25 cents; pound, 75 cents; postpaid.

PRICE NOTE—10 lbs. or over, not prepaid, 50c per pound on all turnips except Nos. 465, 475, 477.

HASTINGS' "HOME BEAUTIFUL" FLOWER SEEDS

Only varieties adapted to planting in the Southern States are here catalogued. Make your home a "Home Beautiful" with flowers. **LIBERAL PREMIUMS**—With an order for One Dollar's worth of Flower Seeds, you may select 25 cents' worth of Flower Seeds Extra. For \$2.00 you may have 50 cents' worth extra, and for \$4.00 you may have \$1.00 worth extra. This offer does NOT include Bulbs, Roots, Plants or the special seed collections. Read carefully and please don't confuse it with field seeds, plants and bulbs. This Special Offer is for Flower Seeds and Vegetable Seeds in packets and ounces only.



HASTINGS' FLOWER SEEDS

Have no superiors and few equals. We use just as much care in the production of the finest strains of flower seeds as we do in vegetable seeds. We do this because it pays us. Our business experience has shown us that our best advertisement is a satisfied customer, and our special high-grade strains of seeds are bound to make every one who plants them satisfied. The increase in our sales of flower seed in the past ten years has been enormous. Our customers find that the quality of our seed and the size and brilliancy of the bloom from our special strains of flower seeds surpass anything they have ever had. Until recently little flower seed was grown in the United States, and we import much of ours direct from the largest and best flower seed growers of France, where great attention has been paid to the production of the finest strains of flowers. We spare no trouble or expense to get the very best for our customers—the finest varieties of all flowers adapted to planting in the South. Our list of flower seed is small compared with that of several Northern seedsmen. The reason for this is that there are comparatively few flowers grown from seed that do well in the South. You may depend upon the fact that you can plant any variety in this list with the assurance that with proper treatment and favorable seasons you will succeed.

Our packets of flower seeds are larger than those of most seedsmen. There are enough seeds in Hastings' packets to give plenty of plants of each kind. We have no 1, 2 or 3-cent packets such as are offered occasionally. Our packets contain good seeds and plenty of them. We do not put in 6 or 7 sweet peas, or 12 or 15 poppy seed, as fine as dust, and call it a packet. Our business is not conducted on that basis. We charge you a reasonable price, just what the goods are worth, and give you value received for every cent you send us, and then add to your order the extra seeds included in the offer at the top of this page.

Flower seed is one of the leading features of our business, and we lead in that just as we do in vegetable seed. **Hastings' Seeds of all varieties are Successful Seeds.**

PLANNING THE FLOWER GARDEN

Before ordering flower seeds or plants it is best always to make a plan for final or lasting results. You don't have to be a landscape gardener to make a beautiful home place. You can make a log cabin home beautiful as well as the grounds around a costly mansion. Unsightly places, as back yards, fences and house foundations should be screened from view—all other views left unobstructed except by low-growing plants. Plan to show off the home as a pleasing sight. Don't jump in and patch up your place for immediate results. Plan to add to the beauty of your home each year.

HOW TO SOW FLOWER SEEDS

With few exceptions flower seeds are very small, and sowing them by the inexperienced often results in failure, either partial or complete, because a few simple rules are not followed. There is nothing mysterious about success with flowers. They require care and a little common sense. With these failure is almost impossible. It is work that can not be left to a farm hand or laborer. It must receive your careful personal attention. By observing closely the following rules for sowing flower seed you will have little cause for complaint or failure.

The Soil A mellow loam, which is a medium earth between the extremes of clay and sand, enriched by a compost of rotten manure and leaf mold, is adapted to the generality of flowering plants. Previous to planting flower beds or borders care must be taken that they are so arranged that the ground is a little elevated in the middle, allowing the water to run off, this also showing off the plants to better advantage.

Planting the Seed Make the surface as fine and smooth as possible. Cover each sort of seed to a depth proportionate to its size; very small seeds, like petunias, should be merely sprinkled on the surface of the ground, and barely covered with finely-sifted, light mellow soil; press the soil down firmly over the seeds with a brick or a short piece of board. For larger seeds the depth should be regulated according to the size of the seeds, those the size of a pinhead, $\frac{1}{4}$ inch deep, and those the size of a pea, $\frac{3}{4}$ of an inch or more. Get a piece of lath (it would be better if planed smooth) about two feet long, press the edge down into the soil evenly, so as to make a groove as deep as the seed is to be planted, scatter the seed along this, allowing 4 or 5 of the larger to 15 or 20 of the smaller seeds to the space one plant is to occupy when grown. Cover the seeds by pressing: turn your lath flatwise and press the soil down firmly. On light, sandy soils flower seeds should be covered twice the depth that they should be in stiff or heavy clay soils.

Sowing in Boxes Almost all flowers will stand transplanting. Many of them grow better for having been transplanted. In sections liable to late spring frosts or where drought comes in spring, it is advisable to sow seeds in shallow boxes which can be placed in a warm, sunny window or on a porch. This is always advisable with the expensive seeds and those of a tropical nature, such as coleus, salvia, etc. These need a warm soil to start the seeds. Sow the same as in open ground, and keep the soil moist, but not soaking wet. If surface of soils show tendency to cake or crust, scratch it lightly to break the crust. Small seeds cannot force their way through a crusted surface. As soon as plants reach a height of 2 or 3 inches they may be transplanted, taking as much earth as possible with each plant, so as not to disturb the roots more than necessary.



Hastings' Unrivalled Mixed Asters—Packet, 10 Cents; 3 Packets, 25c

ASTERS

Culture The China Asters, in the beautiful double varieties, are unsurpassed for bedding and cut flowers. They are very profitable for the florist and also one of the most satisfactory for the home garden. The many delicate shades and beautiful colors, the size, form and long blooming season, all make for the great popularity of these charming flowers. Asters are very hardy and may be planted outdoors as soon as the soil is warm and dry. You can start them indoors or in a cold-frame in January or February and transplant outdoors after killing frost danger is past. Plant in well prepared good garden soil in rows 18 to 24 inches apart; cover seed with $\frac{1}{4}$ inch fine soil firmly pressed down and when plants are 2 inches high, thin to 15 inches apart in row. Seeds may be planted in beds outdoors and transplanted when 2 or 3 inches high. Keep plants well watered in warm and dry weather, watering in morning or evening 2 or 3 times a week. For late flowering, seed may be sown in May or June. By disbudding, letting only a few flowers come on each plant, much larger flowers will form, as large as and more beautiful than ordinary chrysanthemums.

HASTINGS' UNRIVALED MIXED

(No. 1060) Well worthy of the name unrivalled; Hastings' Mixed Asters have no rival. We make it up of over 20 varieties of the finest asters grown and the greatest aster specialists in the world grow these seeds for you. All types, the early Queen of the Market, the later Giant Crego or Comet and the late strong growing Branching varieties are included in this superb mixture in many shades and colors. It makes a magnificent display and should be in every flower garden in the South. The exquisite blooms make delightful cut flowers for all occasions, last a long time in water and the bedding or border display is simply beautiful. Packet, 10 cents; 3 for 25 cents; ounce, \$1.00.

COMET OR GIANT CREGO ASTERS

Also known as Ostrich Plume because of their attractive, light, feathery appearance. There are no finer Asters than these. They bloom in mid-season with flowers of the largest size, fully double, and their graceful forms on long, strong stems are made even more beautiful by having very long petals that are decidedly curled and twisted. They are very prolific and the large blooms are unsurpassed for cut flowers. The plants are branching and very vigorous growers.

GIANT COMET ASTERS, MIXED (No. 1080)—Pkt., 10c; oz., \$1.50.
GIANT COMET, CRIMSON COLOR (No. 1082)—Pkt., 10c; oz., \$1.50.
GIANT COMET, FLESH COLOR (No. 1070)—Pkt., 10c; oz., \$1.50.
GIANT COMET, WHITE COLOR (No. 1084)—Pkt., 10c; oz., \$1.50.
GIANT COMET, LAVENDER COLOR (No. 1086)—Pkt., 10c; oz., \$1.50.

AMERICAN BRANCHING ASTERS

A type of very strong growing Asters, blooming in late July and August in this latitude. Full petalled extra large flowers of fine form are produced on long stems. The petals are long, rather broad, of good substance and the flowers last a long time after being cut; shipping well. The plants grow 24 to 30 inches high and are branching in habit. These are the latest varieties to come in bloom and they produce very large flowers of the deepest and finest colors and are very prolific. Separate colors make most beautiful beds and borders.

AMERICAN BRANCHING, MIXED (No. 1066)—Pkt., 10c; oz., \$1.50.
AM. BRANCHING, ROSE COLOR (No. 1068)—Pkt., 10c; oz., \$1.50.
AM. BRANCHING, FLESH COLOR (No. 1070)—Pkt., 10c; oz., \$1.50.
AM. BRANCHING, WHITE (No. 1072)—Pkt., 10c; oz., \$1.50.
AM. BRANCHING, PURPLE (No. 1074)—Pkt., 10c; oz., \$1.50.

QUEEN OF THE MARKET ASTERS

Also called Queen of the Earlys, this type is very desirable because of extreme earliness and profusion of bloom. They grow 15 to 20 inches high, of rather compact form though of a branching habit, with many full double blooms of medium size on long stems. They come in a wide range of colors and are fine for cutting. These are especially satisfactory for early cut flowers for the home as well as market. While the blooms are not as large and are flatter than Comet and Branching Asters, the many delightful early blooms demand full space in Aster and all flower gardens.

QUEEN OF MARKET, MIXED (No. 1096)—Packet, 10 cents; ounce, \$1.50.
QUEEN OF MARKET, CRIMSON (No. 1098)—Packet, 10 cents; ounce, \$1.50.
QUEEN OF MARKET, WHITE (No. 1100)—Packet, 10 cents; ounce, \$1.50.
QUEEN OF MARKET, LAVENDER (No. 1102)—Packet, 10 cents; ounce, \$1.50.

Abutilon

More commonly known as "Flowering Maple." Splendid bedding plant for partly shaded locations or for pot culture for porches or indoors. Our Royal Prize strain is of the finest mixed colors. Varied in form and color of flower, leaf and growth. Easily grown from seed, which should be sown in boxes in March or April.

ABUTILON—Mixed Colors (No. 1006)—Packet, 10 cents; ounce, \$4.00.

AGERATUM

A favorite garden flower for bedding and borders in the South. Native of Mexico that easily withstands heat of our summers. It blooms all summer, also if seed is sown in the fall it makes splendid box or pot plants for winter. Sow seed in open ground in April, or earlier in boxes for transplanting. Plants grow $1\frac{1}{2}$ to 2 feet high, with light green foliage and clusters of small, tassel-like flowers.

AGERATUM, IMPERIAL WHITE (No. 1010)—Packet, 5 cents; ounce, \$1.00.
AGERATUM MEXICANUM, BLUE (No. 1011)—Packet, 5 cents; ounce, \$1.00.
AGERATUM, BLUE AND WHITE MIXED (No. 1012)—Packet, 5c; ounce, \$1.00.



Hastings' Ageratum Mexicanum

FREE FLOWER SEEDS—We want you to take full advantage of our Free Flower Seed Offer on the inside front cover page of this catalog. Also, at the top of Page 51, we offer a substantial saving in flower seed prices and we hope you will take full advantage of these savings, and have a garden full of flowers this year.



Amaranthus Caudatus

stalk and brilliant colored leaves when full grown. The rich yellow and red markings are very distinct. Packet, 10 cents; ounce, 50 cents.

ABRONIA More commonly called "California" or "Sand Verbena." Especially adapted to the light, sandy and clay lands of the Lower South. A trailing plant that grows luxuriantly in dry, open soils. Sow seeds in April where plants are to stand.

ABRONIA—Mixed (No. 1004)—Best shades of yellow and rosy pink in the best varieties of the larger flowered sorts. Packet, 10 cents; ounce, \$1.00.

ALYSSUM--SWEET (No. 1020) Free flowering annual of quick growth, beginning to bloom in early spring and continuing for a long time. Excellent for borders of flower beds, as it is of close, compact growth and even in height. Sow seed thinly, in shallow drills where plants are to stand. Grows 5 to 10 inches high. The small illustration gives you an idea of this type of flowering plant, showing how well suited it is for showy borders to beds or along walks. Packet, 5 cents; ½ ounce, 30 cents; ounce, 50 cents.

Alyssum--Little Gem (No. 1022) Plants very dwarf, spreading and uniform in growth, 3 to 4 inches high. Plants begin blooming when two inches high and continue along through the season. Plants are literally covered with small spikes of fragrant bloom, as many as 400 clusters having been produced on a single plant. Fine for borders. Packet, 10 cents; ½ ounce, 35 cents; ounce, 60 cents.

AMARANTHUS Annual plants, grown for foliage and the showy flower clusters. There are two types, one valued for the brilliant coloring of the leaves, the other for large feathery plumes or sprays of rich crimson flowers. Sow in March and April.

AMARANTHUS CAUDATUS (No. 1030)—(Love Lies Bleeding). Of stiff, erect growth, 3 feet high, with numerous sprays of rich crimson flowers, which hang gracefully over, as shown in the illustration, giving the romantic name of "Love Lies Bleeding." Packet, 10 cents; ounce, 50 cents.

AMARANTHUS CRUENTUS (No. 1032)—(Prince's Feather). From Asia. Tall growing, with purple or purplish-green leaves. Heavy feathery heads, drooping, like a large ostrich plume, with beautiful effect. Packet, 10 cents; oz., 50c.

AMARANTHUS SALICIFOLIUS (No. 1034)—(Fountain Plant). Grows 2 to 3 feet high, of pyramidal form. Packet, 10 cents; ounce, \$1.00.

AMARANTHUS TRICOLOR (No. 1036)—(Joseph's Coat). Has a single erect



Sweet Alyssum for Borders



Abronia or Sand Verbena

ANTIRRHINUM--Snapdragon

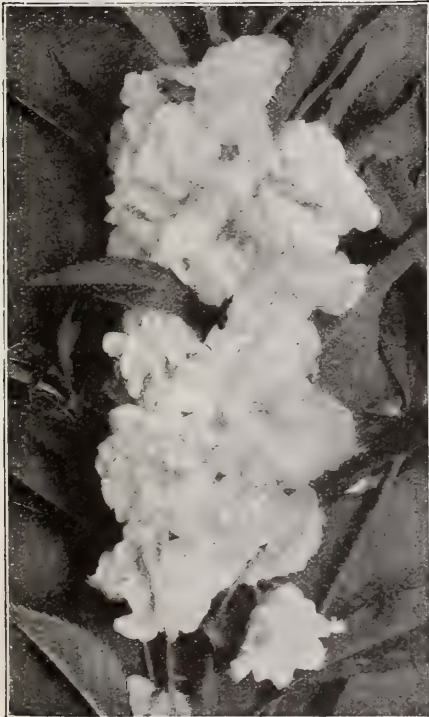
You will be delighted with this bedding and border plant with its long blooming season. The long, showy spikes of tubular flowers are very beautiful and showy. They make splendid cut flowers, florists getting about \$3.00 a dozen for them in the cities, and they last a long time after being cut. They grow 18 to 24 inches high and though a perennial, will bloom the first year if sown very early in boxes in the house or under glass and transplanted outdoors when ground is warm and dry. Transplant to a rich, loamy soil in a sunny place and give a plenty of water. They are semi-hardy and stand Southern winters with slight protection. Set plants a foot apart each way. They are easily grown and the flowers are beautiful.

SNAP DRAGON, Finest Mixed Colors (No. 1040)—Packet, 10 cents; ounce, 75 cents.

SNAP DRAGON, Giant Scarlet (No. 1042)—Packet, 10 cents; ounce, 75 cents.

SNAP DRAGON, Giant White (No. 1044)—Packet, 10 cents; ounce, 75 cents.

SNAP DRAGON, Giant Yellow (No. 1046)—Packet, 10 cents; ounce, 75 cents.



Royal Prize Camellia Flowered Balsam

Aristolochia (Dutchman's Pipe) (No. 1050)—A splendid climber of tropical origin, well adapted for porches, trellises or arbors in the Central and Lower South. Leaves are dark green and plants make rapid growth when planted in good loamy soil or soil that has been well manured. It needs plenty of sunshine. The best variety for this section (Elegans) is odorless. Flowers three inches across, purple and white blotched. Plant seed where plants are to stand about May 1st. Packet, 10 cents.

Balsam Apple (No. 1175) Quick growing climber, ornamental foliage, interesting and valuable fruits which are esteemed for medicinal purposes. The fruits burst and throw the seeds a considerable distance, a source of amusement for the children. It is often used with other climbing plants for shading porches, balconies and outdoor seats. Packet, 10 cents; ounce, 50 cents.

BALSAM THE OLD FASHIONED FLOWER Touch-Me-Not or Lady Slipper

The old and familiar Touch-Me-Not or Lady-Slipper improved until those familiar with the old forms would hardly recognize the large waxy flowers with their elegant shades of color and variegations as belonging to the same class. They grow luxuriantly all through the South with little attention in any good garden soil, and well repay one for the little trouble. Sow in open ground after danger of frost is past, or earlier in protected boxes. For the best growth and effect, plants should be set about 18 inches apart.

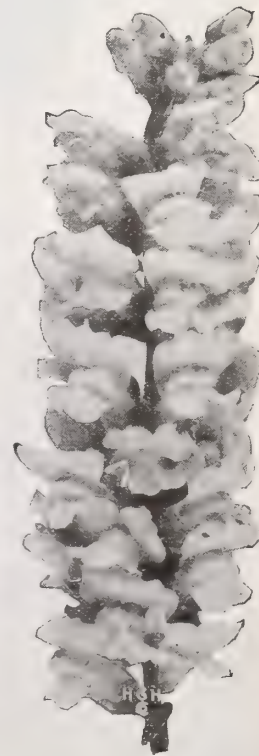
BALSAM—Extra Fine Mixed (No. 1177)—Very fine double flowers from the very best balsam growers. Packet, 10 cents.

BALSAM—Hastings' Royal Prize Camellia Flowered Mixed (No. 1178)—One of our special strains, surpassing all others in brilliancy of colors, sizes of flowers, freedom of bloom. Should be planted from 1½ to 2 feet apart to allow space for full development of strong and vigorous plants. They will surprise you. Packet, 15 cents; ounce, 75 cents.

BALSAM—Camellia Flowered, Scarlet Color (No. 1179)—Packet, 10 cents; ounce, 75 cents.

BALSAM—Camellia Flowered, Pure White (No. 1180)—Packet, 10 cents; ounce, 75 cents.

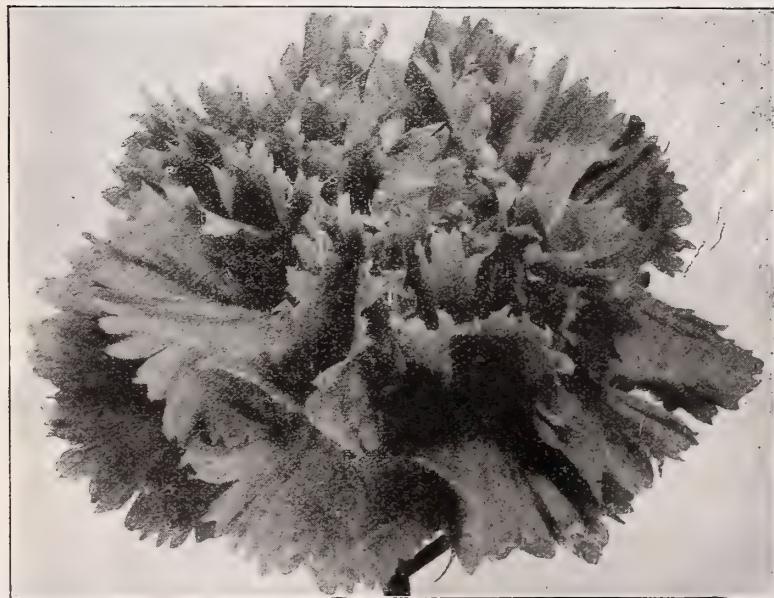
BALSAM—Camellia Flowered, Blue Color (No. 1181)—Packet, 10 cents; ounce, 75 cents.



Antirrhinum--Snap Dragon



Hastings' Large Flowering Cannas—See Page 66



Single Flower of Hastings' Double Carnation—Greenhouse Grown

BALLOON VINE (No. 1190) Interesting climber from the East Indies. A general favorite. Rapid growing annual climber delighting in warm situation. Small white flowers, followed by inflated seed vessels like miniature balloons. This most interesting climbing plant is fine for shading sunny porches or outdoor seats and the novelty of its little balloon-like fruits never wears off. Try a packet of it this year. Packet, 10 cents; 3 for 25 cents; ounce, 50 cents.

Cacalia (No. 1201) Tassel Flower or Flora's Paint Brush. A pretty annual of easy culture with tassel shaped flowers, blooming from May to September. Flowers are like miniature paint brushes of orange scarlet produced on long wiry stems, making it an excellent cut-flower and it is a good border plant. It grows 18 to 24 inches high. Packet, 10 cents; ounce, \$1.00.

CALENDULA--POT MARIGOLD One of the best and showiest free-flowering hardy annuals, growing well in any garden soil. They make fine cut-flowers; attractive beds and borders and bloom profusely until frost. In Florida and along the Gulf Coast they do well into the winter and the large, double flowers on bushy plants make a nice display. Plants, 12 to 20 inches high.

HASTINGS' MIXED (No. 1202)—All Calendula colors of the finest named double varieties. Packet, 10 cents; ounce, 50 cents.

DOUBLE METEOR (No. 1203)—Large imbricated double flowers; color bright yellow, each petal edged or striped with orange. Packet, 10c; ounce, 50c.

Calliopsis or Coreopsis Bright showy plants, growing with great profusion in any good garden soil. Plants 1 to 2 feet high, covered with brilliant and showy flowers, both double and single. Sow in early spring, in open, where plants are to stand. Colors are bright yellow and rich brown with shades of red.

TALL MIXED (No. 1217)—Grow 1½ to 2 feet in height. Packet, 5 cents; ounce, 50 cents.

DOUBLE MIXED (No. 1218)—The finest full double blooms of rich, brilliant colors. Packet, 10 cents; ounce, 50 cents.

Candytuft or Iberis A well-known garden favorite for beds, borders and edging. Sow seed as soon as soil can be worked in spring. When well up thin out to 4 or 5 inches apart; especially desirable for early summer beds, masses and cut-flowers. Grows 12 to 15 inches high and blooms from June to September; very hardy.

CANDYTUFT, Mixed (No. 1220)—All shades and colors of the annual sorts. Packet, 10 cents; ounce, 50 cents.

CANDYTUFT, Dark Crimson (No. 1222)—Darkest shade of crimson. Packet, 10 cents; ounce, 50 cents.

CANDYTUFT, Empress (No. 1224)—Extra large spikes with pure white flowers. Fine for cutting. Packet, 10 cents; ounce, 50 cents.

CANDYTUFT, Rose Cardinal (No. 1226)—Bushy habit, fine for beds; deep rosy-carmine. Packet, 10 cents; ounce, 50 cents.

HASTINGS' LARGE FLOWERING CANNAS (No. 1230) Few plants have shown so great improvement in recent years as the Cannas. They retain their value as a tropical looking foliage plant and at the same time the magnificent bloom of these newer varieties, in many instances, is equal to that of the most costly orchids. They are easily grown anywhere in the South, and bloom the first season from seed. Start the seed in boxes in February and March in a warm place. These boxes should be shallow and filled with rich garden soil sifted fine. The seeds have a hard outer covering. This must be either filed or cut through so that moisture can reach the germ. If not filed or cut they often remain dormant for many years. When seedlings show four or five leaves they can be transplanted to open ground, if all danger of frost is past and the ground is warm. Make soil very rich and set 1½ feet apart each way. We have seed saved from the finest introductions, embracing all the finest shades and colors. The continuous bloom of Hastings' Large Flowering Cannas in our trial grounds is a source of endless praise by hundreds every day through the summer. Packet, 10 cents; ounce, 50 cents; postpaid.

Canna Roots See Page 66. We have the finest canna bulbs or roots it is possible to produce. They are grown right here in the South and are unsurpassed for brilliancy and abundance of bloom. We grow many varieties on the Hastings' Plantation and we offer you the cream of all varieties on Page 66.

Carnations Carnations are now one of the most popular flowers and are easily grown from seed. The Doubles are not in their full development until the second year; the Chaubauds and Marguerites come in full bloom in from 4 to 6 months from the time seed is sown.

Finest Double Mixed (No. 1240)—The true double carnation. Our strain of this is rather early; from seed sown in early spring some blooms will be had the following fall. Our seed is saved from the choicest double colors. Packet, 15c; 2 for 25c; ounce, \$4.00.

Chaubaud (No. 1242)—A superb strain. Strong, healthy, vigorous plants, bearing large, very double, deliciously fragrant flowers of the finest colors. Blooms in five months from seed. Packet, 15c; ounce, \$4.00.

Marguerite (No. 1246)—An everblooming carnation, blooming in 4 months from seed. While the flowers are smaller than the regular carnations, their earliness and abundance more than make up for the difference in size. Mixed—Packet, 10c; 3 for 25c; ounce, \$2.00.

CANTERBURY BELLS *Campanula Medium*—Sown early in the South, these will bloom the first season. They are handsome, easily grown plants of stately branching habit and many blooms, useful for beds and backgrounds. They grow long racemes of beautiful bell-shaped flowers of rich colors and plants grow 2 to 4 feet high. To keep them over for blooming the second year, sow seed in early spring in rows 2 feet apart in light, rich soil with good drainage and transplant or thin out plants to 18 to 24 inches apart in the fall, giving some protection with straw or leaves for freezing weather. Flower colors are white, lilac, rose, blue, purple and violet in various shades.

FINEST SINGLE MIXED (No. 1260)—Packet, 10 cents; ounce, \$1.00.

FINEST DOUBLE MIXED (No. 1261)—Packet, 10 cents; ounce, \$3.00.

CELOSIA OR COCKSCOMB These peculiar looking plants develop abnormally large flower heads or combs, are showy and of easiest culture. The plants have colored foliage and form a brilliantly colored mass with the odd and striking flowers and seed vessels for beds and borders. They often hold their brilliant coloring right up to frost. The *Cristata* is sometimes cut before fully ripe and dried in the house for winter bouquets and decorations. Sow early in the house and transplant, or sow outdoors when ground is warm. Transplanting makes larger flowers.

CELOSIA CRISTATA (No. 1265)—The large, close-headed form. This is the common variety of "Cockscomb," so popular throughout the Southern States and so much admired for the fiery red, velvety heads of flowers that resemble a cock's comb, hence the name. Packet, 10 cents; ounce, \$1.00.

CELOSIA PLUMOSA (No. 1270)—This is a distinct form quite different from the other. Heads instead of being close are loose and feathery, borne on long stems. Mixed colors. Packet, 10 cents; ounce, \$1.00.

CHINESE WOOLFLOWER (No. 1272)—*Celosia Childsii*, 2 to 3 feet high, blooms starting early with a central head often 2 feet around. Scores of branches, each bearing a ball of scarlet wool, make the whole plant look like a huge bouquet and none of the blooms fade until frost but enlarge and glow with their deep richness of color, a dark crimson-scarlet. Packet, 15 cents; 2 for 25 cents.

CENTAUREAS Generally known for their hardy flowering annuals, which include some of our most graceful and showy garden flowers that have been favorites for years, especially for cutting. The tall, slender, straight or slightly branching plants with narrow leaves produce bright colored flowers on long, graceful stems and some are fragrant. Easily grown in any garden soil for cutting, beds or borders.

DUSTY MILLER (No. 1280)—*White Leaved Centaurea*. Silvery white or light gray leaves, 1 foot high, used for bedding, margins, baskets, pots and vases. Very effective. Packet, 10 cents; ounce, \$2.00.

BACHELOR'S BUTTON (No. 1282)—*Cornflower, Blue Bottle, Ragged Sailor or Ragged Robin—Centaurea Cyanus*. Known under all these names (see picture), the very easily grown flower is always included in old-fashioned gardens and usually reseeds itself every year. It blooms all the summer long and should be in every Southern garden. All Colors Mixed—Packet, 5 cents; ounce, 50 cents.

SWEET SULTAN (No. 1284)—*Centaurea Imperialis*. This superb new strain of the "Sweet Sultan" is splendid. Produces long-stemmed blossoms 3 to 4 inches across and very fragrant. Colors from white through shades of red, blue, lilac, royal purple, etc. Of strong, bushy form, and of easiest culture. Does best planted very early in season to allow for fine cut flowers before hot weather. Packet, 10 cents; ounce, \$1.00.

COBEA SCANDENS Splendid tropical climber from Mexico, entirely adapted to the whole South. A rapid grower, quickly attaining a height of 15 to 20 feet, covered profusely with deep reddish violet purple bell-shaped flowers as shown in illustration. Leaves in pairs on a central leaf stock, which terminates in a slender tendril, like those of the sweet peas, enabling the vines to cling closely to strings, wires or trellises. Do not plant seed in open ground until trees are in full leaf and ground is warm. Seeds are very thin and flat and will germinate more quickly if set on edge and covered not more than a half inch; less than that is better. Can also be grown in pots to transplant if care is taken not to disturb roots at time of transplanting. You cannot fail to appreciate the beautiful deep lavender or lilac flowers on these tropical climbers. They add greatly to the beauty of any home. Packet, 10 cents; 3 for 25 cents; ounce, \$1.00.

HASTINGS' HYBRID COLEUS

There are no finer decorative foliage plants for the South than our fine Hybrid Coleus; easily raised from seed sown in boxes in February and March and placed in a warm, sunny window. The seeds are small and should not be covered more than $\frac{1}{4}$ of an inch. Keep moist, but not wet. When young plants are 3 or 4 inches high or when danger of frost is past set in open ground. For beds, edging and porch or window boxes, coleus makes one of the most desirable plants. Our mixture of seed of coleus is saved from some of the finest exhibition plants and contains all the best fancy striped and blotched sorts. Packet, 25 cents; ounce, \$7.50.



Centaurea—Bachelor's Button



Chinese Woolflower (No. 1272)—*Celosia Childsii*

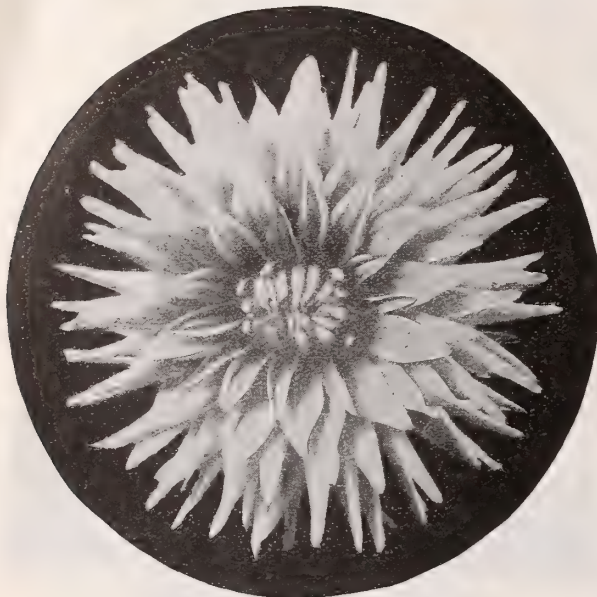


Sprig of Cobea Scandens



Hastings' Decorative Hybrid Coleus

Plant Hastings' Seeds



Open Flower of New Cactus Dahlia—See Below

COSMOS Handsome, very free flowering annual, originally from Mexico. Adapted to entire South. Do not plant in soil too rich, as it makes too tall a growth. Sandy or light clay soils are best. Sow as soon as danger from frost is past in open ground. They grow 4 to 6 feet tall and are covered profusely with white, pink and crimson flowers from August until frost.

FINE MIXED (No. 1320)—All colors. Packet, 5c; oz., 50c.

GIANT OF CALIFORNIA (No. 1322)—The mammoth flowering strain, flowers being twice the size of common Cosmos. Pink, white and crimson mixed. Packet, 10c; oz., 75c.

COSMOS, CRIMSON (No. 1324)—Crimson flowers. Packet, 10 cents; ounce, 75 cents.

COSMOS, PINK (No. 1326)—Packet, 10c; oz., 75c.

COSMOS, WHITE (No. 1328)—Packet, 10c; oz., 75c.

Cyclamen (No. 1340) Cyclamen Persicum or Alpine Violet. Popular, free blooming, bulbous plant for home culture. Seeds produce the bulbs which flower in boxes and pots, never in the open ground. Colors range from pure white to deep crimson. Finest mixed colors. Packet, 25 cents; ounce, \$1.00.



Shasta Daisy—See Pages 57 and 73

CHRYSANTHEMUM The perennial chrysanthemums of the giant Japanese and Chinese types are not very satisfactorily grown from seed and you should set out the plants. See Page 75 for the finest exhibition plants. However, the single and double annual chrysanthemums, listed below, grow easily from seed planted in the spring. They are showy and effective garden favorites, extensively grown for cut flowers but chiefly for borders and beds. They are hardy summer-flowering plants, growing about 2 feet high, bearing in profusion daisy-like flowers about 3 inches across and on good stems. These are entirely distinct from the perennial types.

HASTINGS' MIXED (No. 1290)—Single varieties. Packet, 10c; oz., 50c.
HASTINGS' DOUBLE MIXED (No. 1292)—Coronarium varieties of dwarf selected strains; of compact habit and with fine double flowers. Packet, 10 cents; oz., 50 cents.

DOUBLE WHITE CORONARIUM (No. 1294)—Pure white and fully double. Packet, 10 cents; ounce, 50 cents.

DOUBLE GOLDEN YELLOW (No. 1296)—Very pretty double. Packet, 10 cents; oz., 50 cents.

Clarkia One of the most popular of annual flowers. Better for Central South than for Florida and the Gulf Coast regions. They are semi-hardy, standing considerable cold, and of the easiest culture. Sow in good garden soil as early as ground can be worked. They are rapid growers and constant bloomers in delicate but very brilliant shades of rose, white and purple from May to September.

SINGLE MIXED (No. 1300)—All colors. Packet, 5c; ounce, 50c.

DOUBLE MIXED (No. 1302)—All colors. Packet, 10c; ounce, \$1.00.

Cleome or Spider Plant

(No. 1304) ing 4 to 6 feet in height; each plant terminates in a large spike of rosy-pink flowers. Plants grow freely from seed sown in open ground early in summer and continue until cut off by frost. Fresh flowers appear constantly at tops of the branches as they increase in height; they have long, slender stems, making them feathery in appearance. The flowers are succeeded by long seed pods on slender stems, and as they are set thickly on the stalks, have slight resemblance to a giant centipede or spider. Fine bee plant. Packet, 10 cents; ounce, \$1.00.



Hastings' Giant Cosmos—Very Free Growing

Cypress Vine

The most graceful of all small vines and easily grown anywhere in the South. For a neat trellis or ornamenting the trunks of trees it is unexcelled. It has a profusion of scarlet and white star-shaped blossoms, and its finely cut foliage is particularly adapted to ornamental work. Grows 10 to 12 feet high and if planted thick in good soil will make a dense growth. We can supply the colors, scarlet and white, separately or mixed.

CYPRESS VINE, MIXED (No. 1342)—Packet, 5 cents; ounce, 50 cents.

CYPRESS VINE, SCARLET (No. 1344)—Packet, 5 cents; ounce, 50 cents.

CYPRESS VINE, WHITE (No. 1346)—Packet, 5 cents; ounce, 50 cents.

HASTINGS' SUPERB DAHLIAS

No flower in recent years has shown such great improvement as has the Dahlia. The present strains produce flowers of largest size and striking brilliancy of colors. The more we grow the improved strains the more we are convinced that it is one of the greatest of all flowers, a real rival of the chrysanthemum. Easily raised from seed in the South, blooming late the first season. Sow seed in February in shallow boxes; place in a warm, sunny position. When plants are 3 to 4 inches high, and danger of frost is past, transplant to open ground, 3 feet apart. Plant in rich or well manured soil, cultivate frequently, and keep free from grass and weeds. After frost kills the tops, cut them off within a few inches of the ground and cover several inches with a mulch of stable manure, leaves or grass. This is sufficient protection for the bulbs anywhere in the South in ordinary winters. For Dahlia Roots see page 67. We just wish you could see the Dahlia fields on the Hastings' Plantation.

Dahlia, Double Mixed (No. 1360)—A splendid strain of double flowers, including all colors. Packet, 10 cents; ounce, \$3.00.

Hastings' Superb Double Mixed (No. 1362)—This is the best strain of large, double flowering Dahlia. Seed saved from the finest named varieties, including all shades and colors. This will give you a magnificent collection of the best varieties. Packet, 15 cents; 2 for 25 cents; ounce, \$3.50.

Cactus Dahlias (No. 1364)—The new strain is very popular wherever grown, being especially valuable for cut-flower work. Petals of the large flowers are beautifully pointed and the range of coloring is remarkably fine and satisfactory. Mixed colors. Packet, 15 cents; 2 for 25 cents; ounce, \$3.50.

Dahlia, Single Mixed (No. 1366)—Seed saved from named single varieties. Flowers not so large as the double varieties, but bloom earlier and more freely than the double sorts. Packet, 10 cents; ounce, 75 cents.



Double English Daisy—Bellis Perennis

are well adapted for bedding, borders and for cut-flowers. Stems are of good length, flowers are often 2 inches across and leaves are narrow bright light green. They grow about 1 foot high.

Sow seed where you want the plants to bloom, in well worked sandy loam if possible. Cover seed $\frac{1}{4}$ inch and press down soil. When 2 inches high, thin to 6 inches apart.

HASTINGS' SUPERB MIXED (No. 1400)—Many of our friends prefer a few plants of many varieties of Pinks instead of buying each variety separately. This magnificent mixture contains all the Chinese and Japanese Pinks, having the widest range of form, color and markings imaginable. Single and double flowers. Large packet, 10 cents; 3 for 25 cents; ounce, \$1.00.

DIANTHUS—CHINENSIS (No. 1402)—Double China Pink. Free bloomer. All shades and colors. Packet, 10 cents; ounce, \$1.00.

D.—CHINENSIS ALBA (No. 1404)—Double China, identical with Chinensis except that all blooms are pure white. Finest selected. Packet, 10 cents; ounce, \$1.00.

D.—CRIMSON BELLE (No. 1406)—Single. Large flowers of deepest glowing crimson, beautifully fringed. Packet, 10 cents; ounce, \$1.00.

D.—DOUBLE DIADEM PINK (No. 1408)—Very large double flowers, finely marked. Magnificent in both coloring and varieties. Mixed colors. Packet, 10 cents; ounce, \$1.00.

D.—EASTERN QUEEN (No. 1410)—Large single flowers, 2 to 4 inches across. Finely fringed, beautifully stained in rich shadings of silvery white, each flower having crimson center. Packet, 10 cents; ounce, \$1.00.

D.—HEDDEWIGGII ATROSANGUINEA (No. 1412)—Double crimson; very beautiful Japanese type. Packet, 10 cents; ounce, \$1.50.

D.—HEDDEWIGGII (JAPANESE) (No. 1414)—Finest double mixed, large flowers, often 2 to 3 inches in diameter. Packet, 10 cents; ounce, \$1.50.

D.—HEDDEWIGGII SINGLE (No. 1416)—Select mixed. Pkt., 10c; oz., \$1.00.

D.—LACINATUS (No. 1420)—Large single and double fringed flowers in many distinct colors. Packet, 10 cents; ounce, \$1.00.

D.—MOURNING PINK (No. 1426)—Extra double flowers with body covering of very dark velvet mahogany, almost black, in striking contrast to the finely fringed edges of pure white. Packet, 10 cents; ounce, \$1.00.

D.—SALMON QUEEN (No. 1428)—Single flowers of beautiful rosy salmon color, a rare shade of pinks. Packet, 10 cents; ounce, \$1.00.

D.—THE BRIDE (No. 1430)—Large handsome flowers of silvery white with rich purplish red eye surrounded by a still darker crimson ring. Packet, 10c; oz., \$1.00.

Digitalis--Fox Glove (No. 1440) Fox Glove is one of the easiest plants to grow. In the South it prefers partially shaded locations, but does well in open. It is a beautiful plant, and leaves are also valuable for medicinal purposes. Showy, bell-shaped flowers of white, lavender, rose and spotted. Hardy perennial. Mixed colors. Packet, 10 cents; ounce, 50 cents.

ESCHSCHOLTZIA--California Poppy



Gaillardia or Blanket Flower—Very Profuse Bloomer
One of the Most Satisfactory Southern Flowers

Daisy, Double English--Bellis Perennis

(No. 1380) hardy and suited to cool, rather moist locations. Blooms in earliest spring and late fall. Sow seed early in boxes or shallow drills; then transplant to permanent location. Treat same as violets. Can be flowered through the winter if placed in boxes in pits or planted out in cold frames. Flowers very double. Plants spread rapidly in rich soil and last for years. They make the finest low borders and margins and are beautiful in clumps about the lawn. Grow 6 to 10 inches high. Rose-pink and White, Mixed. Pkt., 10c; oz., \$1.00.

Daisy, Shasta (No. 1384)

See illustration on opposite page. Shasta Daisy plants on Page 75. Our choice Alaska variety with flowers of purest glistening white with broad overlapping petals, one of the finest and most attractive flowers grown. These flowers are much larger than common daisies, often 5 inches across, and make fine cut flowers with long stems, lasting a week or two after being cut. Grows 2 to 2½ feet high and excellent for beds, borders, clumps and cut-flowers. It lasts for years and makes fine borders and clumps. Packet, 10 cents; ounce, \$3.00.

DIANTHUS--Hastings' Superb Garden Pinks

Our famous Garden Pinks add delight to many homes. They are extremely popular all over the South and we offer you the very finest varieties that can be grown. They are very similar to Carnations but with more varied colors. They



Hastings' Superb Mixed Dianthus or Garden Pinks

One of our most popular flowers for bedding in the South. Sow as early in the spring as ground can be worked, scattering seed thinly over the surface and raking in lightly. Covered with large showy flowers, it makes the most brilliant display beds that can be made. So wonderful is its growth it has been made the State Flower of California.

ESCHSCHOLTZIA, SINGLE MIXED (No. 1450)—Single, cup-shaped flowers, bright yellow, orange, and white. Packet, 10 cents; oz., 50 cents.

ESCHSCHOLTZIA, DOUBLE MIXED (No. 1451)—Same as the single except that the flowers are double. Packet, 10 cents; ounce, \$1.00.

ESCHSCHOLTZIA, GOLDEN WEST (No. 1454)—Single, orange; the real California Poppy. Packet, 10 cents; ounce, 50 cents.

FLAX, Scarlet Flowering--Linum

(No. 1460) Hiantly colored summer annual. The flowers are scarlet or glowing crimson-rose and are simply beautiful in beds and borders. By successive sowings you can have them in bloom from early May to October. Plants 2 feet high. Packet, 5c; ounce, 50c.

Forget-Me-Not--Myosotis

Favorite everywhere for beds or borders. Sow in open ground, thinly, as soon as ground can be worked, thinning out to 5 inches apart.

Forget-Me-Not, Blue (No. 1466)—Packet, 5 cents; ounce, \$1.00.

Forget-Me-Not, White (No. 1468)—Packet, 5 cents; ounce, \$1.00.

Forget-Me-Not, Blue and White Mixed (No. 1470)—Packet, 5c; oz., \$1.00.

Gaillardia (No. 1474)

Also known as Blanket Flower, and well adapted to our section. It thrives in the poorest and driest of soils, and the plants are covered with large showy flowers during the season. Plants are of strong, spreading growth, 18 inches in height. The large, brilliant flowers are borne singly, on long stems. Sow broadcast in early spring, covering seed lightly with a rake. **Gaillardia Picta**—Mixed colors and finest shades, fine for cut flowers or for display bedding. Packet, 10 cents; ounce, 50 cents.



Hastings' Fragrant Heliotrope

is a real find. For table center-pieces and cut flowers they are invaluable because they retain their brilliance of color, stand rough handling and need no water even for them to last for weeks and months. This should not be confused with Globe Amaranth, also known as Straw or Everlasting Flower and Bachelor's Button. It is by far better and with much larger and more beautiful flowers. Packet, 10 cents; 3 for 25 cents; ounce, \$1.00. (See illustration in color on inside cover page.)

HELIOTROPE (No. 1500) This garden favorite, easily grown from seed, is always a favorite. Start seed in February, in boxes in warm sunny situation, covering seed about $\frac{1}{4}$ inch. When danger of frost is past transplant to open ground in partially shaded location. A single spray of the deliciously fragrant bloom will perfume a whole room. Half hardy perennial growing 18 to 24 inches high for borders and beds. It will usually stand Southern winters outdoors with slight protection. All shades mixed, including Dark Blue, Light Blue, White and Rose Shades. These are from large flowered varieties. Packet, 10 cents; ounce, \$1.00.

Hibiscus (No. 1502) ROSE MALLOW—Mixed Colors—Grows 2 to 5 feet high, branching freely. Large flowers, 3 to 5 inches across are white, yellow, carmine and striped. These can be grown in pots or tubs and kept blooming all winter as well as summer—anywhere the temperature is above 50°. Packet, 10 cents; ounce, \$1.50.

HOLLYHOCKS Our Double Hollyhocks are far superior to the old single and semi-double sorts. Once established they grow and bloom freely for years. Sow in early spring, in boxes or beds, and when 6 to 8 inches high transplant to their permanent place in open ground, placing them $1\frac{1}{2}$ to 2 feet apart. Give them rich soil in a moist location, or where plenty of water can be given and they will grow 5 to 8 feet tall. The Hollyhock is an old-fashioned flower of our Southland and perhaps no other flower leaves such an impression of the Old South as does the Hollyhock. The beautiful long spikes filled with tissue paper-like blooms, 3 inches across, crushed closely together, give a beautiful and artistic background or tall border. There could hardly be an old-fashioned garden without them. Plant some this year and you will have them for years to come. You should plan your flower garden and lawn for permanency and Hollyhocks are very valuable as they can fit in with most any plan.

DOUBLE HOLLYHOCKS, MIXED COLORS (No. 1510)—Our mixture of the finest varieties. Packet, 10 cents; ounce, \$2.00.

DOUBLE HOLLYHOCKS, CRIMSON (No. 1512)—Deep rich crimson flowers. Packet, 10c; oz., \$2.00.

DOUBLE HOLLYHOCKS, LILAC (No. 1513)—Beautiful delicate lilac. Packet, 10 cents; ounce, \$2.00.

DOUBLE HOLLYHOCKS, SALMON ROSE (No. 1514)—A rich and rare shade. Packet, 10c; oz., \$2.00.

DOUBLE HOLLYHOCKS, SULPHUR YELLOW (No. 1515)—Exquisite. Packet, 10 cents; ounce, \$2.00.

DOUBLE HOLLYHOCKS, PURE WHITE (No. 1516)—Looks like crepe paper rosettes. Packet, 10 cents; ounce, \$2.00.

ICE PLANT (No. 1525) Handsome trailing plant for baskets or boxes. Easily grown from seed without transplanting. The plants appear as if covered with crystals. Packet, 10 cents; ounce, 50 cents.

Jack Bean (No. 1527) HYACINTH BEAN, DOLICHOS. Rapid growing and free flowering annual climber, growing 10 feet high, with pea-shaped blooms, white to rich violet purple in color. Flowers freely in erect racemes, followed by ornamental seed pods. Sweet scented. Packet, 10 cents; ounce, 75 cents.

LARKSPUR, ANNUAL DELPHINIUM A quick-growing, very free flowering annual, producing erect spikes of beautiful flowers of various colors. Sow in early spring, thinly in shallow drills. Thin out after well up, to 10 or 12 inches apart. This makes a pleasing display and is very satisfactory.

LARKSPUR, Dwarf Double European Mixed (No. 1542)—Of rather dwarf growth, ten to eleven inches high. The branching spikes are thickly set with double flowers of many distinct colors. Packet, 10c; oz., 50c.

LARKSPUR, Tall Double European Mixed (No. 1544)—Grows 2 feet in height. The tall, rocket-like spikes are profusely covered with fully double flowers of various colors. Packet, 10 cents; ounce, 50 cents.

FOUR O'CLOCKS MARVEL OF PERU, MIRABILIS JALAPA.

(No. 1473) Showy, large free-flowering hardy annual adapted all over the South. A good old-fashioned plant with erect bushy habit and brilliant tubular flowers that open about four o'clock in the afternoon and usually close by noon of the next day. They bear hundreds of white, yellow, red and violet colored flowers and some with spots, flakes and splotches of several colors. Fine for borders and backgrounds, growing about 2 feet high and blooming late in summer and fall. Sow after danger of frost is past in spring or transplant at that time to 2 feet apart each way. All Colors Mixed—Packet, 5 cents; ounce, 25 cents.

Godetia (No. 1484) The Godetias are little known in the South, but are well worthy of attention, being a splendid bedding plant. Sow in the open ground in the early spring like Gaillardia and Eschscholtzia. They are profuse and constant showy bloomers, and their delicate tints of crimson, rose-pink and white make them very attractive when in full bloom. They grow $1\frac{1}{2}$ feet tall and do well on poor soil. Half Dwarf Varieties mixed. Packet, 10 cents; ounce, 75 cents.

HELICHRYSUM EVERLASTING OR STRAW FLOWER.

(No. 1490) beautiful flower is easily grown, about $1\frac{1}{2}$ feet high, with most attractive, white, pink, yellow and red flowers that last for months after being cut. A new introduction for the South and a wonder. This novelty in the flower line

flowers they are invaluable because they retain their



Hastings' Double Hollyhocks



Delphinium or Larkspur



Single Hibiscus Bloom



Hastings' White Mexican Moonflowers

JAPANESE HOP (No. 1532) *HUMULUS JAPONICUS*—This is a rapid growing summer climber, making a dense covering with its luxuriant foliage. It grows 20 feet high and heat, drouth and insects do not bother it. Especially for the South this Hop is excellent for shading porches and trellises. The rough lobed leaves of variegated white, yellow and green colors and the small flowers and very rough leaf stems make this plant very attractive. Packet, 5 cents; ounce, 50 cents.

Kenilworth Ivy (No. 1534) *LINARIA*—Showy, free flowering plant of trailing habit, suitable for baskets, vases, pots and rock work. Hardy perennial with lilac to purple flowers. Packet, 10 cents; ounce, \$2.00.

KOCHIA, Mexican Burning Bush (No. 1536) A splendid and novel plant. An easily grown annual suitable for all parts of the South. Sown thinly in spring when leaves begin to appear on the trees, it soon forms a cypress-like hedge of symmetrical form and of lively green color; by midsummer it attains a height of about 3 feet and on approach of cool weather the whole plant becomes a deep red. One of the most novel and interesting plants that can be grown from seed in any flower garden. Packet, 10 cents; 3 packets, 25 cents; ounce, 50 cents.

Lantana (No. 1540) *FRENCH HYBRIDS*. Shrubbery verbena-like plants; continuous bloomers of fragrant heliotrope-like clusters of flowers that change color and then green berries that turn deep blue. It delights in the warm sunshine of Southern summers. Sow early in boxes or sheltered beds, transplanting after danger from frost to open ground, 1½ to 2 feet apart. Grows 2 feet high. French Hybrids, Mixed—Packet, 10 cents; ounce, 50 cents.

Lobelia (No. 1545) Very popular edging or border plant, suitable also for pots or hanging baskets. Sow seed in open ground in April. Flowers, ½ inch across, are white and blue with lighter centers and borne in neat clusters that stay in bloom a long time. This annual grows about 6 inches high. Packet, 10 cents; ounce, \$2.00.

MARIGOLD Free flowering, garden favorites, doing splendidly all over the South. The new and improved types are far superior to the small flowers of the old forms. Sow seed thinly in open ground when leaves of trees are out in early spring. The illustration here shows the French type, which has smaller but many flowers while the Double African is much larger, a free bloomer and perfectly double.

TALL DOUBLE AFRICAN, MIXED (No. 1553)—Extra large flowers, grows 15 to 30 inches tall. Various shades of yellow and orange. A bed of these will please you. Packet, 10 cents; ounce, 75 cents.

DWARF FRENCH (No. 1554)—Grows 6 to 8 inches high, rather small highly colored flowers. Packet, 5 cents; ounce, 75 cents.

TALL FRENCH MIXED (No. 1555)—Smaller sized flowers, of deeper color than the African. Packet, 5 cents; ounce, 75 cents.

MORNING GLORY CONVULVULUS MAJOR—In recent years new races of such large size, vigorous growth and rich colors, varied by all sorts of remarkable and beautiful variations, striped and blotched in every manner imaginable, that we can hardly recognize in it the original type. The Japanese embrace something over 30 dis-

BRAZILIAN MORNING GLORY (No. 1570)—*Ipomea Setosa*. Grows 40 to 50 feet high; bright lavender-pink flowers are often 5 inches across and makes more dense shade than any moonflower. Wonderful. Packet, 10 cents; ounce, 50 cents.

JAPANESE MORNING GLORY (No. 1573)—Excellent; large flowers of all colors. Packet, 10 cents; ounce, 50 cents.

TALL MORNING GLORY (No. 1574)—The old favorite in all colors, mixed. Packet, 5 cents; ounce, 50 cents.

DWARF MORNING GLORY (No. 1575)—Bush form, 1 foot high; all colors mixed. Packet, 5 cents; ounce, 50 cents.

MOONFLOWER The Ipomeas (Moonflowers) are popular everywhere in the South as climbers for shade on porches, trellises and arbors. They make a rapid growth and a dense shade, protecting porches from the hot rays of the sun. They grow 20 feet high in good soil, branching freely, and at night and during cloudy days are covered with large flowers. Seeds should be planted after all danger of frost is past, where plants are to stand, about 10 inches apart. They can be planted earlier in pots in the house and transplanted when 6 inches high. The seeds are very hard, and to insure germination cut or file through this hard outer shell before planting. Cover one inch deep.

HEAVENLY BLUE MOONFLOWER (No. 1578)—A splendid companion plant for the white. Flowers very large and of a deep sky blue with reddish purple rays. There is nothing in a blue color excelling the shade of the "Heavenly Blue." It is becoming much more popular than the white. Packet, 10 cents; ounce, 75 cents.

WHITE MOONFLOWER (No. 1580)—The true white Mexican Moonflower with its immense white bloom four to five inches in diameter. Notice the illustration. Packet, 10c; ounce, 50c.



Our Imperial Japanese Morning Glories



Hastings' French Marigolds—Brilliant Assorted Colors



Hastings' Special Mixed Nasturtiums

flowers and seed pods. Hardy annual; easy culture in any garden soil; blue and white mixed. Packet, 5 cents; ounce, 50 cents.

Oxalis (No. 1598) Small, free-flowering plants; clover-like leaves; thickly starred with small bright flowers from June until frost. Sown thinly in drills makes fine edging for flower beds. Many bright colors, mixed. Packet, 10 cents; ounce, \$3.00.

HASTINGS' PANSIES

Pansies have long been a very popular favorite with flower lovers and they make delightful beds where a little care is taken with them. For proper results you must start with a good strain of good seeds. The finest Pansies are shy-seeders, as a rule, and that accounts for the difference in price of the different types.

The seeds germinate best in the cool days of early spring and will bloom freely during the summer. Prepare your bed deeply and well and level it. Soil with a proportion of leaf mold and decayed cow manure gives best results. The seeds germinate in about 10 days and must not dry out during this period; laying newspapers over the bed prevents drying out. Thin out when large enough to handle or transplant to stand nine inches apart in the rows and cultivate frequently, allowing no weeds or grass in the bed. During dry weather, water the bed daily and in extreme drought twice a day. About the first of September is the best time to sow Pansy seeds for early spring blooming, allowing the plants to go into the winter in vigorous condition. They need only slight protection to stand our winters perfectly.

FINE MIXED PANSY (No. 1600)—Our own mixture of a large assortment of the more common varieties. This contains a wide range of colors and markings that will be sure to please you. Packet, 5 cents; ounce, \$1.50.

FRENCH MIXED (No. 1601)—A good mixture of the best French varieties. Especially satisfactory for early spring plantings and with frequent cultivation and a cool moist soil flower profusely. Packet, 10 cents; 3 packets, 25 cents; ounce, \$2.00.

ENGLISH "FACE" PANSY (No. 1602)—Our mixture of the best large-flowering varieties of English "Face" Pansies. These are all very beautiful. Packet, 15 cents; 2 for 25 cents; ounce, \$2.50.

HASTINGS' SUPERB MIXED PANSY (No. 1603)—Our own mixture of the finest and largest exhibition strains in the world. These huge Pansies are the wonder of everyone who sees them. They are simply immense and whether you want them for home or florist's use, you will know these are the finest in existence. These have been especially selected for the most exquisite colors and largest flowers known—much improved over any we have ever had before. These are wonderful. Packet, 25 cents; 3 for 50 cents; ounce, \$7.50.

Matricaria (No. 1558) FEVERFEW. A free flowering half hardy perennial, growing 18 inches in height. Sow seed in the early spring in open ground. In the fall the flowers appear in clusters on long stems. Flowers very double, pure white and fine for cut flowers. Packet, 10c; ounce, 50c.

Mignonette (No. 1560) The pure sweet scented Mignonette, delightfully fragrant and very popular. No garden is complete without this fragrant, yet unassuming plant. One of its principal uses is for cutting and combining with more showy flowers in bouquets to give a delightful fragrance. Hardy annual; 1 foot high; dense cone-shaped flower spikes of white, yellow and light red. Packet, 5 cents; ounce, 50 cents.

Mimulus (No. 1562) TIGRINUS OR MONKEY FLOWER—Showy, profusely flowering plant; fine for indoors or moist, shady situations. Blooms first year from seed into many peculiar flowers. Spotted and tigered varieties mixed in colors ranging through white, pale yellow, golden, flesh, rose, crimson and maroon. The dwarf bushy plants have large gloxinia-like flowers and do best in partial shade. Packet, 10 cents; ounce, \$2.50.

HASTINGS' MIXED FLOWER GARDEN (No. 1565) We have made a mixture of nearly 100 annual flowers. In this you get continuous bloom from early spring until late fall, something new and surprisingly beautiful every day. Make your flower bed in earliest spring. Sow the seeds carefully and nature does the rest. If you have never tried one of these mixed flower gardens do so this year. You will be well repaid. Large packet, 10 cents; 3 packets, 25 cents; ounce, 50 cents.

Nasturtium

These may be termed everybody's flower. No flower garden is complete without them. Perfectly at home in all parts of the South; they furnish a never failing display of brilliant bloom all through the season. Sow in any good garden soil, when leaves are well out on the trees, scattering the seed thinly. When well up thin out the tall sorts six inches apart, and ten inches for the dwarf varieties. Our mixture of Nasturtiums comes to us direct from the great Nasturtium specialists of California. No such brilliant range of shades and colors has ever been seen before in Nasturtium mixtures. They please every one who plants them and are sure to satisfy you if you want the best there is to be had. Nasturtiums are as easily grown as any other flower and the dwarf varieties make the most beautiful beds, borders, edging, and porch boxes, while the tall varieties are unsurpassed to cover stumps, flower stands, low fences, and unsightly places. It is doubtful if among the plants classed as Annuals there is any other of the summer blooming varieties which combines in so great degree the ease of culture, beautiful flowers of showy colors, profusion of bloom from early summer until killed by frost, and general excellence as the Nasturtiums. More and large flowers are produced on thin soils, very rich soil tending to make rank leaf growth. Hot weather has no injurious effect.

HASTINGS' BUSH OR DWARF, MIXED (No. 1590)—Flowers large, gorgeous and brilliant. All shades and colors of dwarf growing varieties. Packet, 5 cents; ounce, 15 cents; ¼ pound, 50 cents.

HASTINGS' TALL MIXED (No. 1595)—All shades and colors of the tall growing varieties; only large flowering varieties in this. Packet, 5 cents; ounce, 15 cents; ¼ pound, 50 cents.

Nigella (No. 1597) LOVE IN A MIST, DEVIL

IN THE BUSH—Compact, free-flowering plant with finely cut foliage, curious looking



Hastings' Superb Pansy—Finest Known

PETUNIAS Petunias are very popular in the South; easily grown, and make most beautiful flower beds of showy colors. No garden is complete without them. They are hardy annuals; heat, rain, drought do not affect them. They bloom in a very short time and continue blooming from early summer to late fall. Sow thinly in open beds when trees are starting to leaf. Scatter thinly and cover lightly. Can also be started earlier, in boxes in the house, and transplanted.

FINE MIXED (No. 1610)—Solid colors, without variation in markings. Packet, 10 cents; ounce, \$1.50.

STRIPED AND BLOTCHED (No. 1611)—A splendid mixture of finest striped, blotched and variegated sorts. Packet, 10 cents; ounce, \$2.00.

GIANT SINGLE FRINGED, MIXED (No. 1612)—Immense single fringed flowers of finest shades and colors. Surpass anything ever offered in petunias. Packet, 20 cents; ounce, \$40.00.

DOUBLE MIXED PETUNIAS (No. 1613)—Seed saved from finest large flowered collection. About 50 per cent come double. Those that come single are most highly colored and blotched. Sow seed of these and Giant Single Fringed in boxes, in the house, transplanting afterwards to open ground. Packet, 25 cents; ounce, \$80.00.

NOTE! These doubles are for single specimens, seed is very high, packets are small. They are not satisfactory for ordinary planting. See page 72.

HASTINGS' SUPERB MIXED POPPIES

Gorgeous is the only word that can describe the brilliancy of a bed of our Superb Mixed Poppies. They contain all the famous varieties in the widest range of color and shape. Sow very early, as seed germinate best when ground is cool. Scatter thinly and barely cover the small, fine seed. When well up thin out to 10 inches apart. They bloom better with plenty of room for development. Poppies should be sown where they are to remain as they need no transplanting. Both single and double poppies are very showy flowers and make wonderful beds and borders.

HASTINGS' SUPERB MIXED (No. 1650). Packet, 10 cents; oz., 50 cents.

AMERICAN FLAG (No. 1664)—Scarlet and white. Packet, 10c; oz., 50c.

CARDINAL (No. 1666)—Glowing shade of cardinal red. Finest double form. Packet, 10 cents; ounce, 50 cents.

DOUBLE CARNATION FLOWERED MIXED (No. 1654)—Large double flowers; beautiful, fringed petals. Packet, 10 cents; ounce, 50 cents.

MIKADO (No. 1658)—Double fringed. Crimson scarlet, striped white. Packet, 10 cents; ounce, 50 cents.



Picture of Hastings' Petunias—Single Varieties Mixed

ORIENTALE (No. 1661)—New perennial poppy, coming up year after year. Immense single scarlet flowers, 6 inches across. Packet, 15c; oz., \$3.00.

PEONY FLOWERED MIXED (No. 1662)—Double ball shaped flowers of gigantic size. Packet, 10 cents; ounce, 50 cents.

SHIRLEY (No. 1672)—New delicate colors. See illustration in full natural color on inside front cover. Packet, 10 cents; ounce, 50 cents.

THE BRIDE (No. 1660)—Extra large, white flowers. Packet, 10c; oz., 50c.

TULIP (No. 1680)—Intense scarlet, tulip or cup-shaped, two inches across, black blotch at base of petals. Packet, 10 cents; ounce, \$1.00.



Single Head of Hastings' Perennial Phlox—See Page 73

PHLOX DRUMMONDI The easiest grown of all annual flowers in the South. Sow seed as soon as soil can be worked in the spring; broadcast, and work in lightly; plants fine for bedding for early display. Phlox, being the easiest of all flowers to grow in the South, and one of the most beautiful, showy annuals, has attained immense popularity. Our varieties are noteworthy for their variety and brilliancy of colors, and also for their perfection and large size, a single floret often covering a fifty-cent piece.

PHLOX, FINE MIXED (No. 1630)—All shades and colors. Packet, 10 cents; ounce, \$1.50.

GRANDIFLORA MIXED (No. 1631)—Large flowers, twice the size of the common type; borne in large clusters. It is well worth the slight difference in price to have the greater brilliancy of display. Packet, 10 cents; ounce, \$2.00.

CUSPIDATA—STAR PHLOX (No. 1632)—All colors of the phlox family in star-shaped flowers, each petal being pointed. Packet, 10 cents; ounce, \$2.50.

NEW DWARF MIXED (No. 1633)—Small plants growing 6 inches high, literally covered with trusses of large, brilliant flowers. When in full bloom the beds are a mass of color, the green of the plants being almost entirely covered. Packet, 10 cents; ounce, \$2.50.



Hastings' Superb Mixed Poppies—Best Double and Single



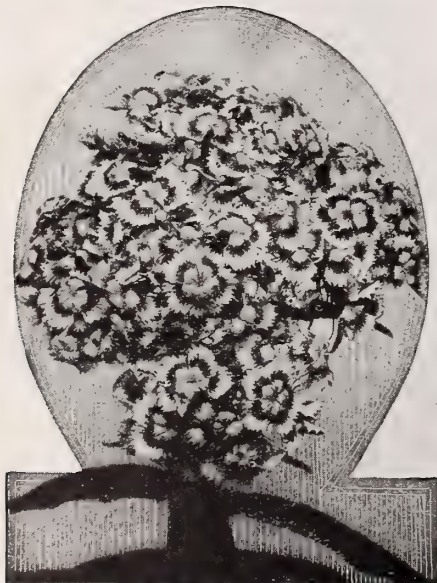
Salvia Splendens or Scarlet Sage—Fiery Red

SWEET WILLIAM DIANTHUS BARBATUS.

Beautiful profusely flowering plant. Although this is a hardy perennial plant it is better to sow seed each spring than to divide the old plants. A well-known, attractive, free-flowering, hardy flower, producing a splendid effect in borders and beds with its rich and varied flowers. The flowers are handsomely colored and marked, are borne on stiff stems in profusion and form round heads or clusters 3 to 4 inches across. Colors range from white through rose, lilac, red, carmine, crimson, maroon to nearly black, usually 2 shades to each plant. Grows 1½ feet high. Sow seed very early and transplant or thin to 6 inches apart in rich, mellow soil.

SINGLE MIXED (No. 1775)—Brilliant flowers, all colors mixed. Packet, 5 cents; ounce, 50 cents.

DOUBLE MIXED (No. 1776)—Fine double flowers with bright colors. Packet, 10 cents; ounce, \$2.00.



Sweet William—Showing Two-Color Habit

Passion Flower (No. 1606) PASSIFLORA. Attractive climber, covering a large space in a remarkably short time, and bearing exquisitely formed sky-blue flowers freely throughout the summer and fall and following with handsome fruit. Packet, 10 cents; ounce, \$2.00.

Portulaca--Sun Plant Luxurious free-flowering hardy annual with richest colors of great brilliancy for beds, borders and edgings. Easily grown and cared for, yet blooms freely all through the summer. This exquisite little plant grows about 6 inches high and is frequently used for covering rock-work and sunny banks, when the seed is sown broadcast. It is well to mix the seeds with four or five times as much dry sand or soil as seeds are small and this will permit easy distribution. Colors range through orange, rose, scarlet, white, yellow and striped.

PORTULACA, SINGLE MIXED (No. 1648)—All colors. Packet, 5 cents; ounce, \$1.00.

PORTULACA, DOUBLE MIXED (No. 1649)—All colors. Packet, 10 cents; ounce, \$3.00.

Ricinus--Castor Oil Bean (Ornamental Mixed)—Also known as Palma Christi. Large tropical plants, grown for the highly ornamental foliage. (No. 1690) A plentiful supply of these, grown near houses, is said to keep away mosquitoes. Plant in open ground, after ground gets warm, three to four feet apart each way. This is the bean from which castor oil is made, but do not eat the raw beans. Bushes grow five to ten feet high, depending on richness of soil and are fine for massing or center plants in beds. The beans are brilliant colored and the large picturesque foliage produces an elegant sub-tropical effect. Packet, 10c; ounce, 50c.

SALVIA SPLENDENS--SCARLET SAGE

(No. 1691) Universally popular. A strong grower and free flowering beauty, bearing long spikes of intense scarlet bloom from midsummer till frost. No flower makes a more showy appearance in beds and borders. In Decatur, Georgia, there are two long hedges of salvia, growing about 3½ feet high, that have been profusely blooming all summer, and in November, when this is being written, that hedge is still a wonderful glow of scarlet flowers, the attraction of the neighborhood. It is easily grown and certainly you will be pleased with its attractiveness. It delights in the warmest, sunniest situations. Sow seed in open ground after trees are in full leaf and the ground is warm, but may be started earlier in boxes in sunny windows, and transplanted as soon as the soil is warm. A bed of Salvia will give a perfect blaze of scarlet. Salvia is admirably adapted for glowing red beds, borders and sunny porch and window boxes. It grows two to four feet high, depending on the richness of soil and is considered by many the most satisfactory flower to grow in the Sunny South. For plants see Page 73. Packet, 10c; oz., \$5.00.

SUNFLOWER, JAPANESE (No. 1694)

This superb Japanese variety was discovered in California about 1914 by our Mr. Hastings, and recognizing fully its value and beauty he decided to distribute it widely. There is scarcely any resemblance to the coarse, ungainly common sunflower. It is often called the Chrysanthemum Flowered Sunflower and it is worthy of the name. The flower heads grow 4 to 6 inches in diameter on stalks 4 to 6 feet high according to the richness of the soil. The entire flower is a rich golden yellow color and a solid mass of petals as finely cut and fringed as any of the famous varieties of chrysanthemums. These beautiful Japanese Sunflowers make one of the most beautiful sights imaginable on the Hastings' Plantation. A large field of them, each plant with several to many beautiful yellow and golden-orange flower balls is certainly easy to remember. Thousands of passersby, in automobiles and on the Central Georgia trains, have remarked about the glowing field of yellow they saw at the Hastings' Plantation, and even with only a few plants for a border or background, you will be delighted with this exceptional flower. They make good cut flowers, too, and are magnificent. Packet, 10 cents; 3 packets, 25 cents; ounce, 75 cents.

STOCKS (No. 1698) LARGE FLOWERING, TEN-WEEKS.

The Stock (or Gilliflower) is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and for long blooming it is unsurpassed. These are early and have been improved by a noted specialist. These give you many blooms all during the summer and early fall and the blooms are blood-red, light blue, bright pink, purple, pure white and canary-yellow. You could hardly find a more pleasing diversity of brilliant colors nor a more satisfactory annual than our Ten-Weeks Stock, whether you want a pot flower or bedding dandy. Packet, 10 cents; 3 packets, 25 cents; ounce, \$1.50.

Vinca (No. 1796) PERIWINKLE.

Very free flowering bedding plant, adapted to the entire South. It produces handsome round single flowers and luxuriant foliage of dark green, suitable for pots, boxes, beds and borders. It is a tender perennial but treat as an annual. Does best started early and transplanted after ground is thoroughly warm; blooms until frost. Grows 15 inches high and is free from all insect attacks; flowers white and rose and many with crimson eyes. Packet, 10 cents; ounce, \$3.00.

Free Flower Seeds

We want you to take full advantage of our Free Flower Seed offer on the inside front cover page of this catalog. Also, see special offer at top of page 51.



Japanese Chrysanthemum-Flowered Sunflower

Sweet Peas

Our Sweet Pea Grower, who also grows some other flower seeds for us, won more medals, prizes and awards than any other man, company or corporation in any line of exhibits at the San Francisco World's Fair—the Panama-Pacific Exposition.

There is no more popular flower grown than the Sweet Pea and probably there is no other flower that has been improved and developed as much as the Sweet Pea. There are two general types, the Grandiflora and the Spencers. The Grandiflora type is the oldest and probably produces more flowers though not quite as large nor on as long stems as the Spencers under good cultivation. The Spencers are shy-seeders and the extra care in growing them makes the seed cost more than the Grandifloras but the added beauty and delightful cut flowers makes them well worth the difference if you will care for them properly.

Culture

In this latitude, Sweet Peas are best planted in January, February and March in rows where they can be brushed or run on wires. For a long flowering period, dig rows or trenches about 12 inches deep; fill in six inches with well-rotted manure and top soil, well mixed; plant seed on this and cover 2 or 3 inches. After the seeds come up, keep drawing in earth until the trenches are filled to surface level. Further South where Sweet Peas bloom during the winter they can be planted in November and December with good results but in the general cotton belt and further North, February is probably as early as it is safe and advisable to plant. One ounce plants 50 feet of row.

Grandiflora Sweet Peas Mixed

Every year this splendid mixture becomes rightfully more popular. (No. 1710) Our mixture is made up from 60 of the best Grandiflora varieties in existence, these being selected after careful observation of some 500 named sorts. We try to give you a general assortment of the finest blending of rich colors and shades in varieties that are particularly resistant to hot sun. This delightful mixture is sure to please even the most fastidious. Packet, 5 cents; ounce, 15 cents; ¼ pound, 50 cents; pound, \$1.50; postpaid.

Separate Varieties

Most effective displays of Sweet Peas are probably obtained from planting separate colors and for the many who want the separate colors we offer the cream of all the Grandiflora varieties below. Prices are, Each: Packet, 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00; postpaid.

AMERICA (No. 1713)—The very best striped and variegated; carmine on white; open form; good size. Packet, 5 cents; ounce, 20 cents.

DOROTHY ECKFORD (No. 1714)—The best Grandiflora—Magnificent pure white; shell shaped. Packet, 5 cents; ounce, 20 cents.

KING EDWARD VII (No. 1715)—The largest Grandiflora size; open form.



Hastings' Finest Grandiflora Sweet Peas

Bright crimson-scarlet or pure red of the largest Grandiflora size; open form. Packet, 5 cents; ounce, 20 cents.

LADY GRISEL HAMILTON (No. 1716)—Large soft lavender, tinted mauve. Hooded form and one of the best. Packet, 5 cents; ounce, 20 cents.

NAVY BLUE (No. 1717)—The richest deep violet blue and especially attractive; almost as fine as the Spencers. Packet, 5 cents; ounce, 20 cents.

PRIMA DONNA (No. 1718)—Clear and delightful soft pink self colored and the best Pink Grandiflora. Packet, 5 cents; ounce, 20 cents.

SPENCER SWEET PEAS

The newer race or type of sweet peas with extra large flowers, sometimes double the size of the older forms under good cultivation. Many of the Spencers have wavy and fluted-edged petals, which with their rich coloring give an almost orchid-like appearance. Sweet Pea lovers and specialists who want to grow the largest and most beautiful blooms with long stems plant Spencers. They are far ahead of the Grandiflora type and Hastings' Spencers are simply exquisite.

Hastings' Mixed Spencers

Our own mixture of the finest Sweet Peas in cultivation, containing not only the named varieties below but many others of the richest and most magnificent colors in existence. Packet, 10 cents; ounce, 35c; ¼ pound, \$1.00; pound, \$3.50; postpaid.

Separate Varieties

After watching many trials and exhibits of Sweet Peas all over the United States we have selected the following varieties as the best and most satisfactory of each of their colors, particularly adapted to the South and all extremely beautiful. Prices—Each: Packet, 10 cents; ounce, 50 cents; ¼ pound, \$1.50; pound, \$5.00; postpaid.

ASTA OHN (No. 1724)—Suffused lavender or tinted mauve, sometimes showing pinkish tinge. Large and wavy early Spencer. Packet, 10 cents; ounce, 50 cents.

COUNTESS OF SPENCER (No. 1726)—Bright clear pink. Very large, open form; long stems. The original Spencer. Packet, 10 cents; ounce, 50 cents.

DOBBIES CREAM (No. 1728)—Deep cream or primrose; strong grower and profuse bloomer with large, wavy, often duplexed flowers. Packet, 10c; ounce, 50c.

FIERY CROSS (No. 1730)—The most brilliant red Spencer; scorching fire red or rich orange scarlet; practically sunproof. Packet, 10 cents; ounce, 50 cents.

KING EDWARD SPENCER (No. 1732)—Brilliant crimson-scarlet; very large size and open form; wavy. Packet, 10 cents; ounce, 50 cents.

ROBERT SYDENHAM (No. 1734)—Glowing orange self colored; magnificent. Large flowers beautifully wavy; usually 4 to a stem. Packet, 10c; ounce, 50c.

ROYAL PURPLE (No. 1736)—Rich warm royal purple; younger flowers with even a softer color tone. The finest purple. Packet, 10 cents; ounce, 50 cents.

SENATOR (No. 1740)—Varying combinations of deep claret and chocolate, striped and flaked on light heliotrope ground. Packet, 10 cents; ounce, 50 cents.

WEDGWOOD (No. 1742)—Bright silvery azure blue; large, well waved flowers on long stems. Best blue and very desirable. Packet, 10 cents; ounce, 50 cents.

WHITE SPENCER (No. 1744)—Pure white, beautifully waved and fluted variety of enormous size. Excellent. Packet, 10 cents; ounce, 50 cents.



Spencer Sweet Pea—Asta Ohn



Hastings' Mammoth Verbena—Finest Strain Grown

HASTINGS' MONSTER ZINNIAS

Zinnias are most popular because they bloom with greatest profusion from spring until killed by winter frosts, even with practically no cultivation. The colors are of many very brilliant colors and a great mass of blooms is surprisingly beautiful around any home. They make delightful beds and our improved types of these old-fashioned flowers make hospitable looking, pleasing and attractive homes.

We have two types of Zinnias. Our tall and half dwarf double are the delicate shaded type that almost cover the entire plants with a blanket of blooms throughout the summer. The flowers are smaller than our Monster or Giant White, Yellow, Scarlet, Crimson, Pink and Purple Zinnias but they make most pleasing dense beds or borders, are very easily grown and are sure to delight you.

Our Monster, in the colors below are simply grand. They are rich and brilliant and make not only the grandest beds and borders but rank with the finest chrysanthemums as cut flowers. They are profuse bloomers, rank growers and literally cover the bushes with huge, fully double flowers 4 to 5 inches across. We believe anyone who passed through the Hastings' Plantation last summer can tell you truthfully that these big display Zinnias made the most brilliant and pleasing color array ever seen. Plant a few of these Monster Zinnias and you will be delighted. They are twice as large as the ordinary Zinnias and the picture to the right shows how the bushes are covered with blooms all summer long and right up to frost.

CULTURE—Sow the seed in early spring in good soil. Thin out or transplant 1 to 2 feet apart in rows 2 to 3 feet apart when plants are about 2 inches high. Plants grow 2 to 3 feet high; half hardy annual.

TALL DOUBLE MIXED (No. 1810)—Packet, 10c; ounce, 75c.

HASTINGS' MONSTER MIXED (No. 1812)—All colors of these Giant Zinnias, the finest and largest grown. Packet, 10 cents; ounce, \$1.50.

HALF DWARF DOUBLE MIXED (No. 1814)—All colors of regular sized Zinnias. Packet, 10 cents; ounce, \$1.50.

MONSTER CRIMSON ZINNIA (No. 1820)—Giant deep crimson-red flowers. Packet, 15 cents; ounce, \$2.00.

MONSTER PINK ZINNIA (No. 1822)—Packet, 15c; oz., \$2.00.

MONSTER PURPLE ZINNIA (No. 1824)—Packet, 15c; oz., \$2.00.

MONSTER SCARLET ZINNIA (No. 1826)—Packet, 15c; oz., \$2.00.

MONSTER YELLOW ZINNIA (No. 1828)—Pkt., 15c; oz., \$2.00.

MONSTER WHITE ZINNIA (No. 1830)—Packet, 15c; oz., \$2.00.

HASTINGS' FALL CATALOG

Many of the most popular and satisfactory flowers, vegetables and field crops are planted in the late summer and fall throughout the Southern States and we issue a beautiful Summer and Fall Catalog about August first, listing all of our flower seeds, fall bulbs, vegetable seeds, grasses, fall grains, clovers and open ground grown hardy rose bushes that do well or best when planted from August until Christmas. On request, we shall be glad to send you our Summer and Fall Catalog when printed next August. Plant a fall garden.

HASTINGS' MAMMOTH VERBENA

Free flowering, half hardy perennial of low spreading growth, usually treated as an annual. Plants grown from seeds are much cheaper than cuttings and more vigorous. They make fine beds and edging. Hastings' Verbenas have been carefully selected and improved and we can recommend them as the very best you can obtain. The trusses and individual flowers of our Mammoth Verbenas are of the largest size, of brilliant colors, free-blooming and are vigorous growers. Sow in early spring in boxes or in open ground after danger of frost is past. Transplant when 3 or 4 leaves are formed or thin out to 2 feet apart each way in a sunny location with good soil. Plants grow rapidly to a foot high and spread to 2 feet across the top. About a dozen single flowers form in each cluster or truss and colors and stripes range from white to deep purple and red.

FINE MIXED (No. 1780)—All colors. Packet, 10 cents; ounce, \$1.25.

HYBRIDS, Best Mixed (No. 1781)—Extra fine strain, all colors. Packet, 10 cents; oz., \$2.00.

HASTINGS' MAMMOTH MIXED (No. 1782)—Our illustration shows four of the attractive flower clusters. Colors very rich. This is the finest strain of Verbena known. Packet, 15 cents; ounce, \$3.00.

CANDIDISSIMA (No. 1784)—Largest white variety. Packet, 10c; ounce, \$2.00.

SCARLET DEFIANCE (No. 1786)—Intense glowing scarlet that makes wonderful brilliant beds. Packet, 10 cents; ounce, \$2.00.

ITALIAN STRIPED (No. 1788)—Each petal striped. Gives pleasing effect. All colors mixed. Packet, 10 cents; ounce, \$2.00.

Wallflower (No. 1800) Well-known fragrant perennial usually hardy in the South. Blooms early in the spring and when rightly cared for will last for years. We have made up a delightful assortment of the finest doubles and mixed colors and the long, fragrant terminal flower spikes are conspicuous in beds, borders and bouquets with colors of chocolate, orange, yellow, red and purple. Grows 1½ feet high. Packet, 10 cents; ounce, \$4.00.



Hastings' Monster Zinnia Plant—In Field on Hastings' Plantation



One of Our Canna Blocks on Hastings' Lovejoy Plantation—Dark Colored Blooms Don't Show

SUMMER FLOWERING BULBS

Some of our most attractive and widely grown flowers come from summer flowering bulbs or roots. In the South, Gladioli, Dahlias, Cannas, Tuberose and Elephant Ears grow luxuriantly, furnish a great abundance of beautiful flowers (except Elephant Ears) and last for years in open ground with only slight winter protection. We consider flowers from bulbs the most beautiful of all flowers as well as the most satisfactory and easily grown. Fall bulbs: Daffodils, Hyacinths, Crocus, Freesias, Tulips, Narcissi, etc., are listed in our fall catalogs.

The pictures of Canna and Dahlia fields on this page give only a faint idea of the bulb and root flower blocks on the Hastings' Lovejoy Plantation. The hundreds of thousands of Gladioli, Tuberose, Cannas and Dahlias and tens of thousands of Caladiums, Achimenes and other flowers from bulbs or roots make a sight never to be forgotten. New varieties for trials where bulbs cost us \$5.00 and \$10.00 apiece are grown side by side with our standard varieties and if found entirely satisfactory we will obtain more and grow a sufficient quantity to offer at reasonable prices. If not up to the standard of our other varieties they are discarded.

It will pay you to get your bulbs from Hastings'. We make a specialty of bulb growing on the Hastings' Plantation and you are sure of getting varieties that do best in the South, the richest in color, the finest grown, strongest first size bulbs and the cream of all varieties.

Hastings' is the only seed house in the South and probably in America that grows Cannas, Caladiums, Gladioli, Dahlias, Tuberose, Daffodils, Narcissi and other spring and fall bulbs. Some few others may grow one or two or maybe some trials of a couple others in a small way but it will pay you to get these beautiful flowers direct from Hastings' in Atlanta.

CALADIUMS OR "ELEPHANT EARS" (No. 3000)

Splendid decorative, tropical-looking plants with immense green leaves resembling slightly in shape the ears of elephants, hence the name. For a group effect on a lawn or planted along in front of porches they are superb. They delight in rich soil and plenty of water. Other things being equal, the larger the bulb planted the larger the leaves grown. After they are killed by frost you can dig up the bulbs and store in dry sand until the next spring. Leaves often attain a length of three feet by twenty inches wide. Each year the bulbs grow larger, make more and larger leaves and of more magnificent growth. Small size bulbs, 20c each; \$2.00 per dozen. Second size, 35c each; \$3.50 per dozen. Extra large, 50c and 60c each; postpaid.



Caladiums or Elephant Ears

DOUBLE TUBEROSE, everywhere

Excelsior Pearl for culture anywhere, in

(No. 3050) pots, boxes or open ground. In many parts of the South it is the favorite summer-flowering bulb, a single flower scenting the entire room. It grows vigorously in all parts of the South and our first size bulbs are always sure bloomers the first season. A succession of flowers may be obtained all the year round. For early flowers start in February in the hotbed. For flowering outdoors, plant as soon as the ground becomes warm. Our Excelsior strain has been improved in dwarf habit of growth so you won't have to stake or tie them up. In extreme doubleness of the large flowers, and in very early flowering they are unsurpassed. Atlanta florists charge 25 cents each for these blooms. They are exquisite. Postpaid: 7 cents each; 6 for 35 cents; 12 for 60 cents; 50 for \$2.25; 100 for \$4.00.



Double Excelsior Pearl Tuberose



One End of Dahlia Trials on Hastings' Lovejoy Plantation—Tuberose, Caladiums and Gladioli May Be Seen in Distance

OUR ORCHID-FLOWERING CANNAS

Notice the picture of a Hastings' Plantation Canna Field in mid-summer on Page 65. As this is written, in November, these Cannas are larger and even more beautiful than when the photograph was taken even though you can't see the beautiful pinks, reds and deep yellow shades in the picture because they photographed black.

We are making a great specialty in Cannas and anyone who has passed through the Hastings' Lovejoy Plantation on the railroad or highway can tell you of the unsurpassed gorgeous display these Cannas make and the beauty about them is that they show full heads of brilliant bloom through the summer and until killing frost, all the time. There is no other flower to compare with them for bedding or tall border effects. They make a wonderful display in any yard and stand the hottest of our Southern summers with delight. In fact, they bloom better in the full sun.

Our varieties are selected for the very best of the new and improved types and colors after being thoroughly tried out on the Plantation. In our descriptions we try to give you exact notes of the varieties as they grow. Different soils and climates cause varieties to vary and a variety from the North may be good there and poor here or a different shade or color. This applies to Dahlias, Gladioli, and other flowers too, so you might follow our descriptions closely and get perhaps a much better idea of, and make a much better selection from these varieties that do best in the South.

The large, broad leaves of green and bronze give a tropical effect and the richer the ground the larger the plants and leaves will grow. A dozen roots will make a very attractive bed the first year and even a finer and better one each year to come. Cannas perhaps make a greater display for the money spent for roots than any other flower; they love the South and sun and every Southern home should have them.

Order by variety name so you can choose just what colors you like best and the relative height of plants for bed or border. Heights given are average on average land. Cannas grow rapidly from roots planted in early spring and require no cultivation other than an occasional hoeing and weeding. Simple culture directions come with each order.



King Humbert Canna—Finest Red Canna Grown

CANNA PRICES Except where other prices are named, we offer strong roots of varieties below at: 15 cents each; 6 for 85 cents; 12 for \$1.50; postpaid. Not prepaid: 50 for \$6.00; \$11.00 per hundred.

Selected Individual Varieties

ALLEMANIA (No. 3100)—4 feet tall. Excellent growth and bloom. Heavy light green foliage; 5 to 11 shoots from root; 5 to 8 wide open, very large, ruffled and orchid-like blooms per head with very large petals. Color is mottled yellow; red blotches on all 5 large petals from throat base almost to petal edges. Very attractive display Canna.

DR. ROBERT FUNKE (No. 3110)—4 feet. Very good growth and bloom. Rich green foliage; large trusses of many medium sized flowers; 2 to 7 shoots from root. Flowers beautiful; color rich crimson; excellent for bed and border.

EUREKA (No. 3120)—4½ feet. Excellent growth and bloom. Heavy light green foliage; 4 shoots from root; huge compact heads of large blooms and as fine a variety as you can find. Color is almost pure white, slightly creamed until well open and very faint lavender stippling in throat. Appearance is pure white; the finest white and one of the most satisfactory Cannas. Superb. 20 cents each; 12 for \$2.00.

KING HUMBERT (No. 3130)—5 feet. The most popular and satisfactory Canna ever introduced. It is not only the best bronze leaf Canna but considered best of all; excellent growth and bloom. Heavy deep bronze foliage with very large leaves; 2 to 6 shoots from root; extra large compact flower head with very large ruffled or orchid wide open blooms. Color is fiery red or scarlet with throat unnoticeably stippled yellow. Absolutely satisfactory. 20 cents each; 12 for \$2.00.

MADAM CROZY (No. 3140)—3½ feet. Very good growth and bloom. Low growing green foliage with short, strong spikes; average 4 shoots from root; medium sized heads of many wide open blooms; 5 open at a time. Color is a little deeper scarlet or red than King Humbert and very rich.

MRS. ALFRED CONARD (No. 3150)—4 feet. Excellent growth and bloom. There is no finer Canna grown. Very stocky green foliage; average 4 shoots from root; short spikes with the largest flower heads of all. Flowers extra large and compact in head with wide open rounded reflexed petals; showing 6 to 18 blooms open at a time. Color is a rare and extremely beautiful deep flesh pink with a shade of orange showing slightly deeper in throat. A real beauty, magnificent for display. 20 cents each; 12 for \$2.00.

ORANGE BEDDER (No. 3160)—4 feet. Excellent growth and bloom. Heavy deep green foliage, excellent bedder and very beautiful; average 3 shoots from root; 8 blooms per head open at a time. Color is the richest blood orange with yellow in throat and simply gorgeous. In the same class with Mrs. Conard and Eureka; the very best display Cannas.

PENNSYLVANIA (No. 3170)—5 feet. Almost identical with King Humbert except has green foliage. Excellent growth and bloom. Average 4 shoots from root and 1 to 3 flower heads per shoot; large petals and blooms. Color is fiery red or scarlet; slightly tinged yellow in throat. A beautiful red.

PILLAR OF FIRE (No. 3180)—5½ feet. Fine growth and excellent bloom. Light green foliage with bronze spikes; average 4 shoots from root; very large head with wide open flowers and large petals. Color is fiery red from throat base to petal tips, even with broad pistil and under sides the same rich fiery red. Excellent variety.

RICHARD WALLACE (No. 3190)—4 feet. Excellent bedder with very good growth and bloom. Light green foliage; 4 to 6 shoots per root; large attractive heads with 5 to 6 good sized blooms open at a time. Color is light yellow turning creamy white. This is the light colored bed or border display variety showing in the picture on Page 65.

SHENANDOAH (No. 3200)—3½ feet. Good low growing bronze foliaged Canna with short spikes. Over 4 shoots from root; small compact head and small lily formed flowers slightly ruffled. Color is deep salmon-pink with faint yellow in centers.

VENUS (No. 3210)—4 feet. Excellent low growth and beautiful rare colored bloom. Dark green foliage; 6 medium sized blooms open at a time; 4 to 8 shoots from root. Color is orchid-pink mottled creamy white in throat and with creamy hair-line petal margins; distinctive and lovely coloring.

WYOMING (No. 3220)—5 feet. Excellent growth and bloom. Bronze foliage; good sized heads of giant sized wide open blooms; 3 to 4 open at a time; 5 extra large petals and wide pistil. This is called a Giant among Giants, certainly as large as any Canna bloom grown. Color is a very deep salmon or blood-orange. Odd rich coloring and simply gorgeous. 20 cents each; 12 for \$2.00.

YELLOW KING HUMBERT (No. 3230)—4½ feet. Also called Queen Helen. This is probably the most interesting of all Cannas and very unique. Growth and bloom excellent. Stocky green foliage but often shows bronze variations; average 4 shoots from root; very large heads and 4 large wide open blooms open at a time. Color is deep lemon yellow dotted with red but variations show red petals, half petals, sometimes whole heads of red flowers. Seeing part red and part yellow blooms and both green and bronze foliage on same plant seems uncanny but such is often found. Excellent and very satisfactory. 20 cents each; 12 for \$2.00.

Hastings' Dahlias—Finest of All

Notice the picture of one end of the Dahlia Trial Grounds on our Lovejoy Plantation on Page 65. In these trials we started about 75 new varieties last summer to compare with our present varieties and each year you will find more new varieties being tried out for our Southern conditions on the Plantation but you will only find the best of each type and color in our catalog list. They have been thoroughly tried and found to be especially good strong growers and producing the finest blooms of the most exquisite colorings. All varieties we list for sale should do well for you, whether it's an old standard variety or a new introduction, because we have tried them all out and found them the best of their types in the South.

Dahlias are immensely popular all over the country. They form perhaps the most attractive blooms of all flowers and give the home that look of distinction and pride not obtainable with other flowers. They are perfectly formed, artistic and richly beautiful; borne on long, stiff stems and make the most elegant cut flowers for any home, church, mansion, hotel, restaurant,

hospital or flower show. The American Dahlia Society and flower shows over the country in recent years have brought Dahlias right to the front and all the different colors, shapes, sizes and types to be found in our newer Dahlias make them probably the greatest of all flowers to work with and to grow. The Dahlia exhibits at the Great Southeastern Fair we believe attracted more attention than any other exhibits last fall. The flowers are simply gorgeous and where disbudded, only allowing one flower to form on a shoot, the flowers measure from 5 to 10 inches across.

Hastings' Dahlias are supplied in strong, dormant field-grown roots; very hardy, quick to grow and in the South bloom from late July until killing frost. With slight protection of leaves, straw or brush they stand winters perfectly and start early growth in spring with the finest blooms year after year. Remember, when you buy and plant these fine Dahlias that you will have them for years. It's not like buying new paint for your house every few years. They are a lasting joy and attraction to your home, these exquisite Hastings' Dahlias. **Simple Culture Directions Come With Each Order.**

Selected Individual Varieties

NOTE—Dahlias cannot be shipped safely before about March 15th but send your order in early. We will "book" your order and send it to you as soon as it is safe to ship without danger from cold. The demand is so great for Hastings' Dahlias that we ask you to order as early as possible before varieties you want have been sold. We must save planting stock for next year's roots.

ATTRACTION (No. 3300)—Hybrid Cactus. Exquisite new Dahlia that is marvelously beautiful. Very large flowers, fully 6 inches across, with gracefully curled or twisted petals of clear but soft silvery mauve-rose, with white suffusion. None finer. **Roots, 60 cents each; 2 for \$1.00; 12 for \$5.00; postpaid.**

BREAK O'DAY (No. 3310)—Hybrid Cactus. Clear sulphur yellow, shading to sulphur-white at tips with satiny sheen. Early, free flowering, flowers with full, high centers; both twisted and flatter petals make it a beautiful new Dahlia. **80c; 12 for \$7.50.**

DREER'S WHITE (No. 3320)—Giant or Hybrid Show. The pure glistening snow white ball shaped, very free flowering. Best white show Dahlia. See illustration. **45 cents each; 12 for \$4.00.**

MISS MINNIE McCULLOUGH (No. 3400)—Decorative. Very striking and valuable for cut-flowers. Beautiful golden yellow tinged bright red at edges and tips of petals. Very popular garden sort. **35c; 12 for \$3.00.**

MRS. J. G. CASSATT (No. 3410)—Decorative. Very large bright cerise pink shading darker with tinge of carmine toward tips of petals. Tall and spreading plant; profuse bloomer. **35 cents each; 12 for \$3.00.**

OREGON BEAUTY (No. 3420)—Decorative. As fine a variety as you can grow. Tall, heavy growth, early and continuous heavy bloomer. Large, broad petals recurved to almost Giant Ball shape. Intense oriental red; rich, deep and velvety with suffusion of garnet and golden sheen. **45 cents each; 12 for \$4.00.**

QUEEN MARY (No. 3430)—Decorative. Very prolific medium-large flowers of apple-blossom to mauve pink color with slightly darker penciling along petal edges. Excellent grower and late bloomer. Full high centers and new. **45c; 12 for \$4.00.**

RED DUKE (No. 3440)—Show. Clean, compact, bushy plant with uniform medium sized flowers of deep bright red throughout. **35 cents each; 12 for \$3.00.**

SEQUIA (No. 3450)—Cactus. Long continuous bloomer on long stiff stems. Canary yellow overlaid rose, giving a tinted orange or golden bronze appearance; tubular petals; fine. **45c; 12 for \$4.00.**

SYLVIA (No. 3460)—Decorative. Good sized lavender or mauve-pink flowers with white centers. Early profuse bloomer and extra strong spreading grower. **35c; 12 for \$3.00.**

WHITE SWAN (No. 3470)—Show. Strong rank grower and good steady bloomer of white flowers with creamy softness in throats of cupped petals. **35 cents; 12 for \$3.00.**

YELLOW DUKE (No. 3480)—Giant Show. Profuse bloomer of large, uniformly perfect rich canary yellow flowers. Strong, medium tall grower. Fine. **35 cents each; 12 for \$3.00.**

YELLOW KING (No. 3390)—Cactus. Considered the finest yellow. Perfectly formed canary yellow; very free flowering on long stems; fine cut flowers. **45c; 12 for \$4.00.**

DAHLIA COLLECTION—One each of these 20 finest Dahlias, a most wonderful and most exquisite collection—**\$6.00 postpaid.**

GENERAL PERSHING (No. 3330)—Hybrid Cactus. Splendid new white, creamy center; broad curled petals. Strong grower; profuse bloomer on long stiff stems. **60 cents each; 2 for \$1.00; 12 for \$5.00.**

HORTULANUS FIET (No. 3340)—Decorative. The most delicate shade of shrimp pink, petal tips touched gold. Flowers over 8 inches across. Superb and exquisite. **75 cents; 12 for \$7.00.**

JACK ROSE (No. 3350)—Decorative. Deep velvety purplish crimson red. The best crimson for garden or cutting; strong, bushy, very profuse bloomer. **35 cents; 12 for \$3.00.**

LAWINE (No. 3360)—Cactus. White with blush at maturity; very fine, large, full flower. **35 cents each; 12 for \$3.00.**

LYNDHURST (No. 3370)—Decorative. Brightest vermilion; early; the best bright red for cutting. **35 cents; 12 for \$3.00.**

MARJORIE CASTLETON (No. 3380)—Cactus. Incurred narrow petals of rosy lavender-pink, tinted lighter toward center and tip. Medium early. **35 cents; 12 for \$3.00.**

MINA BURGLE (No. 3390)—Decorative. Finest red Dahlia to date; rich cardinal red and absolutely satisfactory. Large, perfect, open flowers, blooming very freely from early until stopped by killing frost. Considered the best Dahlia grown. **45 cents; 12 for \$4.00.**



Hastings' Show Dahlia, Dreer's White—See Page 56 for Cactus Type

HASTINGS' FINEST GLADIOLI BULBS

SEE FULL COLOR PICTURE OF GLADIOLI ON BACK COVER

The writer believes that Gladioli (Sword Lilies) are the finest flowers to grow in the South. On the Hastings' Plantation they are a sight never to be forgotten and they are as easy to grow as potatoes or cotton. They make a beautiful sight in the garden and as a cut-flower are unsurpassed. They bloom early and stay in bearing well, each bulb sending up a spike or shaft of the waxy, brilliant, richest colored blooms you have ever seen.

CULTURE—Plant bulbs 4 to 6 inches deep (at intervals of a week or two to prolong flowering season) about 6 inches apart in rows from March to June. Simple culture directions come with each order.

FINEST VARIETIES OF GLADIOLI

These famous varieties are of excellent stock, carefully selected and are all in first-sized bulbs, 1½ inches or more in diameter. We are able to sell them at very reasonable prices because we grow them by the thousands on the Hastings' Plantation.

AMERICA (No. 3500)—Soft lavender pink. The most popular Gladiolus in the world. A vigorous grower and profuse bloomer; about 16 large flowers on each spike; orchid-like and charming. 10c each; 6 for 40c; 12 for 75c; 100 for \$5.00; postpaid.

CHICAGO WHITE (No. 3510)—White. Most popular white. Strong growth; about 15 flowers on spike. Color white with lavender markings in throat; midribs of 3 lower petals carmine edged with amber. 10c each; 6 for 40c; 12 for 75c; 100 for \$5.75.

EMPRESS OF INDIA (No. 3520)—Maroon. Strong 35-inch spike; 15 compact, wide open, 3½ to 4 inch blooms; blooms 9 to 12 days. Color very deep wine-crimson or deep maroon shaded

market by storm. Long, strong spikes with 14 compact immense wide open almost square 5-inch blooms. Color is bright rose-pink contrasting strikingly with deep rich velvety blood-red blotches on lower petals. Gorgeous. 15c each; 6 for 55c; 12 for \$1.00; 100 for \$8.00.

PANAMA (No. 3580)—Clear pink. Very strong grower with 13 wide open, compact, almost square blooms. Color is rich light pink, shading lighter with darker penciling in throat. Exquisite. 10c each; 6 for 55c; 12 for \$1.00; 100 for \$7.00.

PRINCE OF WALES (No. 3590)—Golden salmon. Exquisite new variety of special merit. Strong 38-inch spike with 16 compact 4-inch wide open triangular blooms of excellent substance; extremely early. Color delicate creamy pink suffused salmon, varying lighter and darker. 20c each; 6 for \$1.00; 12 for \$1.75; 100 for \$14.00.

PRINCEPS (No. 3600)—Dazzling scarlet. The \$1,000 Gladiolus. Strong grower, beautiful large wide open compact flowers on strong 36-inch spikes. Color is richest dazzling scarlet-crimson with beautiful large white blotches marbled light scarlet on lower petals towards throat. A beauty. 15c each; 6 for 85c; 12 for \$1.50; 100 for \$10.00.

SCHWABEN (No. 3610)—Sulphur yellow. Finest yellow and one of the "Big 4" most popular varieties. Strong, branching 39-inch spike with 24 very large compact wide open triangular 3½-inch blooms. Color deep cream yellow blotched in throat with richest purple. 15c each; 6 for 85c; 12 for \$1.50; 100 for \$10.00.

\$1.00 Special Gladioli Collection One bulb each of the 12 varieties described above, including the 50c Collection, which gives you the finest Gladioli grown. Each variety color is different, extremely beautiful and every bulb blooms. \$1.00 postpaid.

EUROPA (No. 3620)—Snow white. Strong branching 43-inch spike with 17 immense compact wide open Lily form 4¾-inch slightly ruffled blooms. Color snow white; slight purple dust at throat base; purest of all whites. New variety that will crowd out all other whites. 30c each; 6 for \$1.60; 12 for \$3.00; 100 for \$22.50.

EVELYN KIRTLAND (No. 3630)—Orange pink. Strong spike with 17 wide open Lily form, extra large 4-inch blooms with reflexed petal tips. Color is flame-pink, darker edges and shell pink into throat; lower petals blotched brilliant scarlet. Excellent and exquisite new variety. 15c each; 6 for 85c; 12 for \$1.50; 100 for \$11.00.

MARSHAL FOCH (No. 3640)—Salmon flesh. A masterpiece. Rich, rare, odd, artistic and brand new variety. Strong 34-inch spike with 16 compact wide open huge 5-inch blooms with broad ruffled petals. Color delicate salmon-flesh, flaked at tips; lower petals blotched orange, throat striped deep cardinal with carmine star in throat. Perfect color blending. 50c each; 6 for \$2.75; 12 for \$5.00; 100 for \$40.00.

NIAGARA (No. 3650)—Soft yellow. Strong 30-inch spike; 10 compact wide open triangular large 3½-inch blooms. Color creamy yellow blending deeper towards throat; throat stippled light crimson; purple anthers and pink pistil; outside of throat tube salmon-red. 10c each; 6 for 50c; 12 for 90c; 100 for \$7.50.

RUFFLED GLORY (No. 3670)—Creamy blush. The giant "ruffled" Gladiolus. Strong 42-inch spike, very large wide open flowers with ruffled petals. Color light salmon-pink, tinted rose; lower petals buffish with light crimson midribs. Exquisite Giant beauty of delicate color. 15c each; 6 for 85c; 12 for \$1.50; 100 for \$11.00.

SCRIBE (No. 3680)—Tender rose, striped. Enormous spike, 19 compact large open flowers. Color flesh pink tinted white and freely striped carmine. This is a very attractive and beautiful Gladiolus. 15c each; 6 for 85 cents; 12 for \$1.50; 100 for \$10.00.

SUMMER (No. 3690)—Deep lavender. Strong 36-inch spike; 14 wide open 3-inch blooms. Color rich magenta or deep lavender-purple with purple mottling on white ground into throat on lower petals. Rich and rare new variety with a beautiful sheen. 25c each; 6 for \$1.35; 12 for \$2.50; 100 for \$20.00.

HASTINGS' FINEST MIXED GLADIOLI

While many of our customers want the finest individual varieties, such as described above, the most like a general assortment of many colors, and we sell many thousands of our "Hastings' Finest Mixed Gladioli" every year. We have tried to get a good assortment of colors and shades and you will find that these bulbs produce large showy spikes of the richest colored blooms in great profusion. There are early, medium and late varieties in this assortment so to give you a long flowering season and we are sure you will be delighted with these splendid Glads. Order them by the hundred for garden or border displays and have them for cut-flowers through the summer. It is well to plant some every week or two from frost-proof time until July first to prolong the blooming season.

PRICE—6 for 35 cents; 12 for 60 cents; 50 for \$2.25; 100 for \$4.00.



Grown From Hastings' Mixed Gladioli

GENERAL PLANT LIST

WE PAY POSTAGE ON PLANTS—ORDER BEFORE APRIL 20TH

We sold over 600,000 of these plants last year, which shows how immensely popular these beautiful and delightful plants are becoming among our half a million customers over the Southern States. They are all superb types of flowering and decorative plants to please you, and they grow well in the South.

Plant orders, including collections, cannot be shipped after May 1st so please do not order after April 20th. Plant orders are always filled separately from seed orders, seeds being sent first, and plants sent as soon as weather permits digging and shipping. We won't ship plants in extremely cold or in hot weather and cannot send them outside of the United States.

BEAUTIFY YOUR HOME WITH FLOWERS

We want to see flowers in abundance around every Southern home, no matter whether it be a town home or a farm home. Our Special low-priced flower seeds and collections are a good starter. Our Rose, Geranium and Chrysanthemum Collections and the plants named in this catalog will surround your home with beautiful flowers. Even if you can't go all the way this year, make a start at least towards beautifying home surroundings at this time. You will be delighted with the results.



Acalypha Sanderii

seldom suggests monotony, while an alternation of short and tall clumps or pink and white masses might easily do so.

Don't aim for quick, cheap results, nor a disconnected collection of botanic exhibits, but a series of related pictures.

Keep the lawn spaces open, massing plants along the edges instead of all over the lawn. If the surroundings are pleasing, leave places to see them; otherwise screen them out with shrubbery.

Use originality. Few gardens can be successfully copied, and you don't want an imitation, anyway. It is very easy to plan permanent landscaping and add a little towards it each year rather than patching up your yard yearly.

Acalypha Sanderii Goes under various names, such as "Chenille Plant", "Philippine Medusa", "Comet Plant", "Dewey's Favorite Flower", "Bloody Cat Tail", etc. The most sensational plant introduced for years, and one of the most striking flowering ornamental plants. Strong, free growth with large, dark green leaves, from axils of which rope-like spikes of velvety crimson flowers from 1 to 2 feet long and nearly 1 inch thick are gracefully suspended as shown in the illustration, which conveys but a faint idea of the beauty and warm coloring of this acquisition. The plant is in flower the year around, and is as easily grown as a Coleus, simply requiring a warm temperature to develop its full beauty. Fine plants, 20 cents each.



Asparagus Sprengeri—Other Ferns on Page 71

Ornamental Garden Guide

Make the garden your outdoor living room. Make it private; not snobbish, but personal, by surrounding it with a hedge or dense mass of shrubbery.

Keep it in harmony with its surroundings and with the house it adjoins. Follow the "line of least resistance" in using native, hardy plants that are sure to grow and look natural.

Avoid formality, excessive symmetry and monotony. This does not mean that straight lines and repetition are not in good taste, for direct paths are often best and a long border of Phlox, for example,

Aloysia Citriodora or Lemon Verbena

This splendid plant ought to be in every plant collection in the South. It is well adapted to our section and has the greatest fragrance of any plant grown. This fragrance is entirely that of the lemon, hence its name. One large plant will scent up an entire yard with a most agreeable odor. Grows rapidly and is easily wintered over in pits or cellars. Plants, 20 cents each, postpaid.

Antigonon leptopus

Also called **Queen's Wreath** and **Mexican Mountain Rose**—A splendid climbing plant from Central Mexico, producing rose-colored flowers in racemes two feet long. The profusion of bloom is such as to give resemblance of a rose at a distance, hence its name, Rosa de Montana, or Mountain Rose. Strong bulbs, 20 cents each.

Asparagus Sprengeri

A magnificent porch or basket plant in the South. The fronds or leaves grow 4 to 5 feet long. Hundreds of magnificent plants of this are seen every summer on the porches in Atlanta, and when cold weather comes it makes a splendid house plant. It succeeds under almost any conditions. Plants, 15 cents each. Extra strong plants, 40c each, postpaid.

Asparagus Plumosus Nanus

The delicate climbing **Lace Fern**. Grown for its delicate lace-like foliage, whole greenhouses being devoted to its culture. Good plants, 15 cents each. Extra strong plants, 40 cents each; postpaid.

Barberry Ibolium Privet

New hardy hedge privet more hardy and attractive than California Privet; very vigorous, bushy, upright; no disease nor blight affects it; round foliage. 15 cents each; \$1.50 per dozen; \$12.00 per 100.

Boston Ivy

Ampelopsis Veitchii—One of the most attractive strong growing vines of all and does well planted on the north and east sides of houses almost anywhere in the Cotton Belt and further north. The vines are covered with clinging tendrils that cling closely to walls, chimneys, etc. Makes a solid mass of dense, dark green, turning to brightest shades of crimson, red and yellow after being touched with frost. The entire north side of one of our seed warehouses here in Atlanta is covered from two plants of Boston Ivy, making a beautiful appearance. 25 cents each; 2-year plants, 50 cents.

Bougainvillea Sanderiana

Chinese Paper Plant. This magnificent plant is splendid for house culture and for an open ground climber in comparatively frostless regions. A full-grown plant will often contain tens of thousands of the odd-looking purplish pink flowers and seen in full bloom in warmer climates it is a sight never to be forgotten. Strong plants, 35c each.

Brugmansia

Angel's Trumpet. Grows easily and blooms freely. The Brugmansia blooms indoors in winter and in the garden in summer. The plant has large, tropical leaves, with blooms 8 inches wide at the mouth, resembling a trumpet, hence the name, "Angel's Trumpet". Pure white; as fragrant as a Jasmine. 35 cents each.



Brugmansia or Angel's Trumpet



Coleus—New Giant or Christmas Gem

Cestrum Parquii

(Night Blooming Jasmine). A much esteemed summer bedding plant with waxy dark green leaves and open panicles of tubular, creamy white flowers. Although inodorous during the day, they fill the whole garden with fragrance at night. 25 cents each.

Everblooming Butterfly Bush

Buddleia Variabilis Magnifica

Our customers are charmed with its beauty, ease of culture and free flowering habit. The name Butterfly Bush was applied to it because it seems to attract butterflies in large numbers. This shrub from a young plant will mature to full size the first summer, producing a handsome bush about 4 feet high. It produces long, graceful stems, which terminate in tapering panicles of beautiful lilac-colored flowers that are of miniature size and borne by the hundreds on a flower head which is frequently ten inches long. A single plant the first season will throw out as many as fifty flower spikes, which increase greatly in number during succeeding years. The year after planting, it generally commences to flower in June and continuing each season until severe frosts nip it. The foliage and blooms are exceedingly fine. The shrub will die down to the ground if frozen, and while perfectly hardy, we recommend covering the roots with manure, leaves or other suitable materials as winter approaches, so it will produce a heavy growth the following season. This shrub is very desirable as an individual specimen in the lawn and garden, or placed promiscuously in the shrubbery border. Fine plants, 25 cents each; strong plants, 50c.

HIBISCUS

We have found the Chinese Hibiscus one of the most satisfactory of all plants for open ground culture in summer and as a house plant in winter. In Florida and the Gulf Coast section they are all well adapted to open ground plantings, and can be trimmed to any shape desired or used as a hedge.



New Peachblow Hibiscus

Flowering Begonias

25 cents each, except where noted otherwise. All eight for \$2.00.

ALBA PICTA—Long leaves thickly spotted silvery white. Lovely pink flowers.

ARGENTEA GUTTATA—Extra deep green foliage, silvery white spots.

PICTA ROSEA—Bright silvery pink flowers, extra fine.

THURSTONII—Metallic-green leaves with shell pink flowers.

CORALLINE LUCERNE—Wonderful new Begonia bearing immense flower clusters of bright coral red, changing to a delicate pink. Every lady who has seen it in bloom has bought at least one—40 cents.

RUBRA—Graceful drooping habit with large coral-colored flower panicles; heavy waxy leaves—30 cents.

PRESIDENT CARNOT—Flowers coral red; foliage green, under sides blush-red.

SANDERSONII—Coral Begonia, scarlet crimson flowers blooming for months.

COLEUS

Aptly called the "gardener's paint box". We have a superb assortment of brilliant colored varieties, fine for bedding. Used for beds in lawns and parks all over the country. See illustration to the left. These are all bush sorts; 12 cents each; 10, all different, \$1.00; 22, all different, \$2.00; postpaid.

COLEUS—New **Trailing Queen**—Rich golden-yellow foliage often turning to pure white. Distinct trailing coleus with glorious foliage. **Trailing Beauty**—Center of leaves bright red or pink with a broad border of emerald green. Both showy for hanging baskets, window boxes or in pots, as branches hang gracefully over in festoons two to three feet long. Each, 20 cents; the two for 35 cents.

COLEUS—New **Giant, Christmas Gem**. Leaves immense, 8 to 12 inches long; cannot be excelled as a pot plant. Grows 2 to 3 feet high with huge leaves of bright carmine, shading to deep maroon with margins of yellow and green. 25c each; 3 for 65c.

Cigar Plant (Cuphea Platycentra) The old-fashioned cigar plant with numerous narrow, tubular flowers of scarlet tipped with purple. Popular because always in bloom, bright and attractive. Strong plants, 15 cents each.



A Pot of a Flowering Begonia—Plant a Few

New Pink Hibiscus, "Peachblow"

The flowers are double and from 4 to 5 inches in diameter; of a charming, rich, clear, pink color, with small, deep crimson center. It is one of the freest flowering plant novelties ever offered. The color is an entirely new and beautiful shade and it blooms abundantly and continuously during the summer and fall months. Large plants, 2 to 3 years old, make a magnificent show. It will give general satisfaction to those who grow it, either in pots or planted out in the garden. It blooms well in the winter in the greenhouse or in any sunny window. 35c each. Extra large plants, 60c each.

Hibiscus, Double Crimson

This superb variety has immense double flowers of richest crimson color combined with glossy green foliage. One of the best. 25 cents each; extra large plants ready to bloom, 50 cents each.

Hibiscus, Grandiflorus

Rich, glossy, cut-leaved foliage, and the scarlet-crimson flowers literally cover the whole plant. This variety is famous for its beautiful flowers. 25 cents each; extra large plants ready to bloom, 50 cents each.

Hibiscus, Sinensis Giganteus

For house cultivation all the year, or for planting outside during summer. Blooms at all times of year. Beautiful scarlet-crimson flowers of enormous size, often 6 to 8 inches across, seen from a long distance like a flaming torch. 25 cents each; extra large plants, 50 cents each.

Hibiscus, Sub-Violaceus

Flowers of enormous size, beautiful carmine, tinted with violet. Probably the largest flower of the Hibiscus family, and an unusually free bloomer. We take great pleasure in recommending this fine plant. 25 cents each; extra large plants, ready to bloom, 50 cents each.

Hibiscus, Versicolor

An immense flowering variety, combining in its flowers all the colors of the Hibiscus family, being handsomely striped crimson, buff, rose and white. Gives a handsome and extremely novel effect. Flowers on large plants frequently eight inches in diameter. 25 cents each. Extra large plants, ready to bloom, 50 cents each.

Hibiscus, Carminatus Perfectus

Full, round flowers of perfect shape, colored a rich soft carmine-rose with a deep crimson eye; fully 6 inches in diameter. 25 cents each; extra large plants, ready to bloom, 50 cents each.

New French Hydrangeas

AVALANCHE—A splendid large white, which has made an enviable reputation for itself in three seasons. An easy variety to force. Young plants, 30 cents. Strong plants, 50 cents each; 12 for \$5.00.

BOUQUET ROSE—A vigorous, healthy, easily grown hydrangea producing immense trusses of flowers of rosy-amber color, turning, after they become older, to a bright pink. Exhibition plants of this variety certainly created a sensation in the New York flower markets last season. Young plants, 30 cents each; strong plants, 50 cents each.

E. G. HILL—Newest and best French variety and finest of the pink sorts. Color of a most pleasing shade of baby pink that does not fade. Growth very vigorous, foliage large and attractive. Trusses are immense and held erect. Young plants, 30 cents; strong plants, 50 cents each.

"HILLS OF SNOW"—The King of all Shrubs, the new Hydrangea *Arborescens Grandiflora Alba*. The most valuable hardy shrub ever introduced. This is the great new hardy shrub that has come to gladden our yards and gardens. We place it first and foremost of all shrubs. It makes a perfectly round, symmetrical bush that is covered from June to August with handsome large pure white flowers. Be sure and plant this new hardy shrub, it will please you greatly. Young plants, 25 cents each. Strong two-year-old plants, 50 cents; 12 for \$5.00.

MME. E. MOUILLERE—This has been the favorite white variety; very free flowering, of good size and form. Awarded silver medal at National Flower Show. A great London grower handled over thirty thousand of this variety alone in one season. Young plants, 30 cents. Strong plants, 50 cents each; 12 for \$5.00.

LA FRANCE—Very strong grower with immense trusses of deeply fringed flowers of delicate shade of rose. Young plants, 30 cents; strong plants, 50 cents; 12 for \$5.00.

LA PERLE—Simply grand; largest and most refined white we have yet seen; flowers deeply fringed. Young plants, 30 cents; strong plants, 50 cents; 12 for \$5.00.

TROPHEE—The reddest red. Vigorous grower, free bloomer and newest type of French Hydrangeas. Has received more praise than any other we have grown. Young plants, 40 cents; strong plants, 65 cents.



New French Hydrangea—"Hills of Snow"

Mousseline The famous Blue Flowered Hydrangea. Every year hydrangeas become more popular in the South, and Mousseline is the best of the blue varieties. Flower heads are large and held erect, as shown in our illustration of "Hills of Snow." Young plants, 30 cents; strong plants, 50 cents each; 12 for \$5.00.

CYPERUS ALTERNIFOLIUS This is a plant of the easiest culture and a large specimen is as handsome as a palm for decoration. It makes a handsome pot plant or can be used in baskets or vases, making a charming effect. It will grow luxuriantly in water, and is, therefore, indispensable for aquariums or fountains. Our illustration shows this ornamental plant throwing up slender round stems with whorls or flat ribbon-like leaves. Give abundance of water; this plant does very well in dry soil but much better in moist soil. 20 cents each.

FERNS Every house ought to have one or more of these splendid decorative plants for the porches in summer or indoors in winter; easily grown.

ASPARAGUS FERNS—These ferns are listed on Page 69.

Nephrolepis Bostoniensis (Boston Fern) We have some beautiful specimens of this in our own home. The fronds frequently attain a length of five to six feet. Many call it the "fountain fern" on account of its graceful drooping habits. We use it as a house plant in winter and under shade trees in summer. Every one who sees these ferns admires them and wants to know how to get them. This is a standard and most popular variety. Fine young plants, 25 cents each; extra strong plants, 75c each.

"Ostrich Plume" (Nephrolepis Whitmanii) It has taken gold medals wherever shown and we consider it one of the most valuable ferns introduced in many years. The large decorative fronds are made up of many leaflets that are themselves finely divided and really, it is a charming fern. Fine young plants, 35 cents; strong plants, 85 cents.

The Wannamaker Fern (Nephrolepis John Wannamaker) A new Fern of beauty. Long, narrow, gracefully drooping fronds. It is not so



Cyperus Alternifolius

compact growing so is very airy and especially suitable for growing in the house. It is very durable and a rapid grower, quite distinct from other Ferns. Fine young plants, 30 cents; strong plants, 75 cents.

Roosevelt Fern (Nephrolepis Roosevelt). There's no fern that will compare with this new and charming variety. In general form like the Boston Fern, but produces many more fronds, making it bushier and more handsome. The pinnae are beautifully undulated, giving a wavy effect found in no other fern. In five years this fern grew next to the Boston in popularity. Its superiority will soon place it ahead. Fine young plants, 25 cents each; extra strong plants, 75 cents each.

Baby's Breath Fern (Nephrolepis Goodii). This is the most delicate of all lace ferns. It really looks like filigree work. In many respects it is a far better and more ornamental variety than any of the others. It looks to us like the finest of all dish ferns. Fine plants, 50 cents each; strong plants, \$1.00; postpaid.

Fluffy Ruffles Fern (Nephrolepis Superbissima). Wonderful new fern, having appearance of being a fern within a fern. Most hardy dense dark green foliage of all ferns; irregular fronds giving it its name. Very heavy and compact growing; we believe it the best fern ever grown. 75 cents each.

Teddy Junior Fern (Nephrolepis Teddy Junior). The fern for every household. A sport from the famous Roosevelt Fern, producing a similar but shorter frond. "Teddy Junior" will produce about four times as many fronds as any other fern, finishing with 50 to 60 fronds in a 4-inch pot. Compact, vigorous grower even under adverse conditions and owing to its habit of producing so much foliage in small pots, it makes the finest house plant yet introduced. Fine young plants, 25 cents; strong plants, 75 cents each.

Big Four Fern (Nephrolepis Splendida). The most wonderful new fern. Has the grace of a Boston, wavy effect of a Roosevelt, fluffiness of an Ostrich Plume and uniqueness of a Fish Tail; hence the name. 25 cents each; extra strong plants, 75 cents.

Liberty Fern (N. Liberty). New fern with a cast of blue that submerges the green; fronds finely cut and each pinna is crested or split, giving it a splendid and unique appearance. Becoming famous all over the United States. 35 cents each; extra strong plants; \$1.00; postpaid.



Boston Fern (Nephrolepis Bostoniensis)



FUCHSIAS

There are few ladies that don't want to grow Fuchsias and they are easily grown in almost all parts of the South if the right varieties are planted. The failures come from trying to grow varieties not adapted. The following list of Fuchsias is made up of right varieties for the South. They make one of the most delicately beautiful of all flowers. The writer thinks they are the most interesting, attractive and charming flowers grown. 20 cents each; 6 for \$1.00.

BLACK PRINCE—Finest for the amateur grower; very hardy free bloomer with buds of beautiful waxy carmine or pink color.

ERNEST RENAN—The white sepals show off the charming reddish blue corolla to a striking and delightful advantage. This is very attractive.

LITTLE BEAUTY—Red sepals, sky-blue corolla, so free blooming it almost hides the plant.

LORD BYRON—A splendid Fuchsia. Red sepals, corolla of the richest shade of royal purple. So free in flower as to almost hide the plant.

MADAME VAN DER STRASS—This is the best of the double white corolla Fuchsias. Very beautiful.

SPECIOSA—Of erect and compact habit. Flowers star-shaped and two to three inches long, the tube and sepals of bright rose color, corolla brilliant carmine.

TENOR—Red sepals, double purple corolla. Royal deep coloring; very rich.

These seven exquisite Fuchsias 20 cents each; any six for \$1.00.

HONEYSUCKLES

The flowers are sweet-scented and the growth luxurious. They make wonderful growth and last for years. Splendid for covering fences, stumps, arbors, etc.; fragrant and pleasant, attractive, in perfect taste on practically any lawn and especially easy to grow, requiring little or no cultivation. The four for 70 cents.

AUREA RETICULATA (Golden Leaved)—Variety with beautiful variegated foliage of yellow, white and pink. Fine plants, 20 cents each.

CHINESE EVERGREEN—Sweet-scented. Blooms nearly all the season; flowers buff, yellow and white. Very desirable sort; 20 cents each.

HALL'S JAPAN—Sweet-scented. Most consistent bloomer of the class; beautiful yellow and white flowers which stay in profuse bloom all summer and almost cover the entire vine. Notice the illustration from an unretouched photograph below. 20 cents each.

SCARLET TRUMPET (Red Coral)—A rapid grower, bright red with trumpet-shaped flowers. 20 cents each.

We sell thousands of plants of this magnificent porch climber every year in our city store here in Atlanta. In daytime the Moonflowers (both white and blue) furnish dense shade for the porch and at night and on cloudy days are a mass of bloom. No home should be without one or more plants of Moonflower. They are superb. See illustration at bottom of page 62.

MOONFLOWERS

Chinese Wisteria—See Opposite Page

Giant White Moonflower

A giant in growth and in size of flowers and is wonderfully fragrant. A decided improvement over the old White; flowers being nearly twice as large, often over six inches across, and practically covering the whole vine. Growth is very rapid in light, rich soil and wonderful for shading porches. Fine plants, 20 cents each.

Heavenly Blue Moonflower

Often attains a growth of 40 to 50 feet and makes a dense mass of beautiful dark green foliage. Blooms from June until frost, the plants being fairly covered with the immense blooms of beautiful sky blue with reddish-purple rays every night and on cloudy days. Fine plants, 20 cents each.



Spirea or Bridal Wreath—See Next Page

Pansies

One of the most satisfactory plants and our Emperor Pansies are the best the world produces. They are the choicest large-flowering sorts, both of European and American growers. It has been our grower's aim to make this the finest strain of this favored flower in existence. We have a large assortment and can supply you in any quantity you may want. Plants, 6 for 25c; 40c a dozen; 100 for \$3.00; postpaid.

Platycodon Grandiflorum

(Bush Clematis) A beautiful free-flowering plant simply covered with flowers that resemble somewhat the clematis. This is really an extraordinary bush plant that will please you. Grows 2½ feet high with deep blue flowers. Each, 20 cents; 6 for \$1.00; postpaid.

Petunias

A splendid assortment made up of California Giants and our Ruffled Giant Petunias in a wonderful assortment of colors and forms. These are the most beautiful of all Petunias. 20 cents each; \$2.00 per dozen.

PINKS

MAY—All-round favorites in the South. These are the Pinks of our mothers' gardens. Fine for beds, edging and porch boxes. These come in all colors and no old-fashioned garden or bed is complete without the beautiful Sweet May Pinks. 15 cents each; \$1.50 per dozen.

HER MAJESTY—New Hardy Scotch Pink with pure white flowers; fine for cemetery as well as home planting. 15 cents each; 12 for \$1.50.



Honeysuckle, Hall's Japan—Wonderful Sweet Scented, Hardy Climbing Plants

HARDY PERENNIAL PHLOX

PRICES—Varieties marked 20c are 6 for \$1.00; 12 for \$2.00. 25c varieties are 6 for \$1.25; 12 for \$2.50.

Listed below we have twelve separate and distinct varieties especially adapted to the South. As a special offer, we will send you one of each of these twelve varieties of Hardy Perennial Phlox for \$2.00; postpaid.

CREPUSCULE—Tall white, suffused lavender, purple eye. 20 cents.

ECLAIREUR—Tall brilliant rosy-magenta with large lighter halo; large florets, magnificent bedder. 20c.

ELIZABETH CAMPBELL—Medium tall, very bright salmon pink with lighter shadings, dark crimson eye; entirely new shade of Phlox. 30c; 12 for \$3.00.

EUROPA—Medium tall white, crimson-carmine eye. Exceptional, very large. 20c.

HENRY MURGER—Tall white, deep carmine center. 20 cents.

MME. PAUL DUTRIE—Tall, delicate lilac-rose. Extra. 25 cents.

MISS LINGARD—Pearly white, faint pink eye. Remarkable bloomer, fine cut flower. 25 cents.

ROSENBERG—Medium tall, bright reddish-violet, blood-red eye; individual flowers size of silver dollar. 20 cents.

R. P. STRUTHERS—Tall, rosy carmine with claret-red eye. Finest Phlox grown. 25 cents.



A Bed of Hardy or Perennial Phlox—Most Beautiful and Pleasing—Lasts for Years

RYNSTROM—Medium tall, most exquisite pink. Fine. 25 cents.

THOR—Deep salmon-pink with scarlet glow, light halo around aniline-red eye. Richest of deep colored Phlox. 25 cents.

W. C. EGAN—Delicate lilac with large solferino eye, looks soft pink. None better. 25 cents.

Pelargoniums (Lady Washington Geraniums). Grandest of all flowering plants; do not resemble the common geraniums in any particular, neither in foliage nor in flower; more beautiful in every way. We here offer the everblooming set of Pelargoniums, every one entirely different in color and every one a beauty. The Lady Washington Geraniums are the handsomest of all flowers—once seen, never forgotten. Separate named varieties. 40c each; the six for \$2.00—a wonderful selection. **EASTER GREETING**—Earliest and very large fiery amaranth-red florets; only kind that blooms in beds as well as in pots all summer long.

GARDENER'S JOY—Ground color of apple-blossom pink, the two upper petals having blotches of carbon-brown; florets $3\frac{1}{2}$ inches across in enormous clusters.

GLORY—Robust grower and splendid novelty. Florets and cluster very large; ground color, Cattleya-blue, like the Cattleya Orchid; the upper petals with two large purple magenta-red spots, distinctly veined. Beautiful new color in Pelargoniums.

LIBERTY—Glorious salmon-red, with large velvety blotches bordered with scarlet. Gigantic trusses and all good qualities of Easter Greeting, its parent.

LADY BECKER—A sport from Easter Greeting and like it in everything but color, which is rosy pink.

PRINCE—Immense crimped flowers with 6 to 10 petals of rich purple color with velvety black blotches.

Philadelphus or Syringa (Virginal). Virginal, we believe, is the most beautiful variety of this most beautiful ever-blooming species. It is exceptionally vigorous, a tall grower with very large, double-crested flowers with round petals. The flowers are pure white, sweetly scented and are borne in magnificent clusters of five to seven. Virginal is a new variety but already leads all the older kinds and you will be delighted with this hardy deciduous shrub in your own yard. Good strong plants, 50 cents each; 6 for \$2.50; postpaid.

Plumbago Capensis This flower is a great favorite in the Atlanta section and is easily grown in open ground almost everywhere in the South. No collection of flowers should be without one or more plants of Plumbago Capensis, giving as it does an abundance of lovely sky blue flowers. 15 cents each; 12 for \$1.50.

SALVIA See illustration of this all-summer bloomer on page 62. No plant is more popular in the South than the Salvia for bedding. In late summer and fall up to the scarlet varieties it is a mass of blooms, and in the case of the scarlet varieties it makes a mass of fiery red unequaled by any other flower on our list. Some of our Atlanta customers buy them by the hundreds for bedding purposes. Prices of all varieties, prepaid, 10 cents each; \$1.00 per dozen. (See next column for varieties.)

SALVIA SPLENDENS—Standard bedding, fiery scarlet.

LE PRESIDENT—New dwarf scarlet salvia; indispensable.

MRS. PAGE—A perfect sheet of scarlet.

SALVIA SPLENDENS ALBA—Pure white variety.

Sanseveria Zeylanica or Zebra Plant

A very odd but beautiful plant especially adapted to house culture during winter and for porches during summer. Leaves are beautifully striped crosswise with white variegations on a green ground. Can be grown either in sunlight or in dark parts of the room and stands dust and drying out without damage. It can be placed in any position in any room and do well. For vases and baskets it is fine. In all, a beautiful decorative plant requiring scarcely any water. Fine plants, 25 cents each.

Shasta Daisy (Burbank's). One of the marvelous productions in the flower line. Extremely hardy perennial with large, free-blooming flowers that last 2 weeks after being cut. 20 cents each; two kinds, 35 cents; \$2.00 per dozen.

Spirea--Bridal Wreath One of the very finest shrubs for the South and of the easiest culture; perfectly hardy and grows to enormous size. One in Mr. H. G. Hastings' yard is over twenty feet in diameter and one round solid mass of white while in bloom. Very hardy and earliest flowering. See illustration on opposite page. We also have **Anthony Waterer, the Crimson Spirea**. It is of compact bush form, covered nearly the whole growing season with large umbels of flowers measuring nearly a foot across. Either kind; one-year plants, 25 cents; strong two-year plants, 60 cents; postpaid.

Tradescantia (Wandering Jew). This fine trailing plant is very popular for baskets and window boxes. You will be pleased with the two distinct kinds. 15c each.

Viburnum--Snowball (Guelder Rose). Large size globular clusters of snow-white flowers. A well-known favorite shrub of old-time fame and popularity. Strong plants, 60 cents.

VIOLETS--PRINCESS OF WALES—Violet-blue, single.

LADY HUME CAMPBELL—Best double purple.

SWANLEY WHITE—Exquisite double white flowers.

PRICES—Plants, 15 cents each; 12 for \$1.50; postpaid. Not prepaid: 100 for \$10.00.

Wistaria--Chinese Splendid climber for porch shade. When in full bloom truly magnificent with its masses of flowers in long drooping racemes like bunches of grapes. See illustration of this most attractive hardy climber on opposite page. 25 cents; large plants; 50 cents each.

Yucca Filamentosa (Spanish Dagger). A most striking and attractive yard ornament. The Yucca blooms every year, bearing long, straight stalks surmounted with large umbels or heads of white flowers. 25c each.

Geraniums--Eclipse Collection \$1.50 Postpaid

PLANT GERANIUMS

The Eclipse Collection, containing varieties described below, contains the cream of all double and semi-double Geraniums for Southern use. There is hardly anything that will give more satisfaction than a dozen Geraniums for outdoor blooming during summer, and indoor bloom during the winter months.

12 Best Geraniums All different. \$1.50, postpaid; if ordered separate from collection, 20 cents each; \$1.00 for six; \$1.75 a dozen.

Alphonse Ricard A most beautiful shade of bright vermillion; large flowers and enormous trusses; a grand variety.

Beaute Poitevine Beautiful shade of shrimp-pink, gradually shading to white as the flower becomes older. This variety is a universal favorite and certainly deserves its reputation.

E. H. Trego This splendid Geranium is of a beautiful shade of dazzling scarlet with a pleasing soft, velvety finish on a saffron ground. Excellent. The large trusses are so freely produced as to nearly conceal the foliage.

Helen Mitchell A cross between Jean Viaud and Alphonse Ricard and the introducers claim for it supremacy in brilliance of color, in size of bloom, vigor and strength. It is semi-double and of the clearest possible shade of scarlet. Its growth is compact, semi-dwarf, with lustrous green foliage. New variety with which you will be delighted.

Heteranthe A most perfect double Geranium of light vermillion red color. It does finely in open ground and is one of the most reliable bedders. Stands hot sun and drought. Flowers are borne in exceedingly large trusses. Flowers are perfect in shape and hold up a long time after opening.

Jean Viaud This is the best large-flowering double pink Geranium in cultivation. The color is the richest deep pink, shading near the base of the petals to light pink, the base of the upper petals being creamy-white. If you want a

large flowering Geranium this is the one to plant.

La Favorite In this Geranium we believe we have the finest double white variety that has ever been grown. The flowers are borne in large trusses of the purest snow-white, retaining this pure whiteness even in the height of summer, and for winter blooming they are all that can be desired. Do not fail to include this charming variety in your list of separate varieties. It is the supreme white.

Madam Jaulin A continual bloomer of enormous trusses or flower heads. Its color is day-break pink, shading to a delicate peach pink as the flower grows older. The profusion of bloom that keeps on coming is quite a good reason for the wonderful popularity of this Geranium.

Madame Landry A distinct salmon-pink with a slight scarlet shading. This exceptional variety produces enormous trusses and florets which are borne on long stems. Really a dandy.

Miss Frances Perkins Splendid variety of double Geranium to stand our long summers. This is one of our best varieties, a constant bloomer of charming rose pink color with a distinct white throat.

Mrs. Lawrence This is one of the very finest Geraniums. The exceptional color is an artistic shade of bright satiny salmon-pink, slightly tinged on the edges of the petals with white. While rather difficult to describe in color it is of appealing beauty and a good, strong growing plant that will do well for you.

S. A. Nutt This, the finest of dark crimson Geraniums, has now taken the lead as a bedding Geranium, being used in the largest parks and public grounds of the country in preference to all others. Its dense, compact growth, profuse blooming and almost sun-proof constitution combined, give it the prominence as a bedder it has attained.

SWEET SCENTED GERANIUMS

We have many inquiries for the old sweet-scented Geraniums and can supply three varieties this season. 20 cents each; 3 for 50c.

LEMON—The foliage has a very pronounced lemon scent.

NUTMEG—Foliage has a very decided true nutmeg fragrance.

ROSE—The famous sweet rose-scented geraniums. Very fragrant.



Type of La Favorite—Showing Semi-Double Light Colored Geranium

Geraniums are especially suited to the South for pot plants, baskets, urns, porch and window boxes, bedding, edging and low borders. They have a richness of color and deepness of tone not found in any other flower; they are healthy, vigorous growers and the beautiful brilliant heads of bloom will give any place the appearance of a cheerful, loving home.



S. A. Nutt—Showing Semi-Double Type of Dark Geraniums

CHRYSANTHEMUMS

12 Superb Exhibition Varieties Postpaid for \$1.50

The Chrysanthemum has a distinct place among flowers. Nothing will stand as much neglect and bad treatment without serious injury, and the blooming period comes when most other flowers are gone, being in their prime from September to December. The following list contains the best varieties in size, color, and vigorous growth for the South.

20 Cents Each Or \$1.75 a dozen if ordered separate from the collection

Black Hawk Red. Flowers of massive size and of a deep velvety-crimson color. It is as fine as Harvard, larger in size and more attractive to those who prefer a large flower.

Chieftain Pink. The most popular of all pinks; the standard and very finest commercial pink. This is a selected strain and good in every way. Buds in September; blooms in October.

Clementine Touse White. This variety is the most wonderful of all white Chrysanthemums. It is pure white in color, yet is often flushed with day-break pink and the heads are of immense size. It does well in the South and you will be proud of this splendid sort in your garden.

Golden Eagle Yellow. Entirely distinct with its extra wide petals and very intense yellow color. Of beautiful incurved form and one of the best chrysanthemums in existence.

Golden Queen Yellow. This is the finest and most satisfactory yellow variety for early blooming. In fact there is none better. It is a high priced Chrysanthemum and we offer it this year to make this collection absolutely the best ever.

Golden Wedding Yellow. Nothing finer among the yellows. Its color shines like burnished gold. Flowers of extra large size. We have offered this superb variety before and it has always given satisfaction.

L'African Red. A splendid new crimson or red variety that isn't as well known as the other reds but one we believe puts the finishing touches to this collection. It is most desirable, and you will thank us for bringing it to your attention. By many considered the best "mum".

Marigold Yellow. In almost every flower growing community there is rivalry between the ladies as to who will have the largest and most beautiful chrysanthemums each fall. Marigold is one variety that can absolutely be depended on for both size and beauty. Properly grown flowers are immense and for a golden yellow color it is unsurpassed.

Miss Florence Pullman White. Many think this superb white chrysanthemum cannot be beaten. It is certainly a fine "Mum".

Miss Minnie Bailey Pink. One of the grandest of all pink chrysanthemums. In finish it is exquisite, showing not the slightest trace of coarseness. This refinement is particularly desirable in "Mums" because so many of the ordinary varieties show lack of breeding. One cannot help but admire refinement in any line and Miss Minnie Bailey is simply lovable.

Pacific Supreme Pink. This splendid variety has literally leaped into popularity. The flowers are so large as to startle you and the lovely color shades from a lavender-pearl to the deepest and richest pink.

Silver Wedding White. A pure glistening white chrysanthemum of good size and uniformly-shaped flowers. It is hardy, prolific in bloom and in all a splendid variety. The foliage is heavy and perfect and the stems are long and strong. A most desirable and popular new variety.

NOTE! For largest flowers give careful attention, pinch off all but one bud at head of stem and pinch off side shoots.



Black Hawk Type of Handsome Large "Mums"
Flower lovers naturally plant "Mums". They well repay anything you may do in extra care with their huge and handsome flowers



Miss Florence Pullman Type of Finest White Chrysanthemums

1922 SUNNY SOUTH ROSE COLLECTION

12 MOST MAGNIFICENT EVER-BLOOMING ROSES FOR THE SOUTH

3 Red, 3 White, 3 Pink, and 3 Yellow, \$1.50,

Postpaid Anywhere in the United States

All Shown in Colors on the Inside Rear

Cover Page of This Catalog

Every year our Sunny South Collection becomes more popular. No two varieties alike and each year we make a change of varieties. Any one who ordered our 1921 collection last year can order our 1922 collection and get many different varieties from those they got last year, and only such varieties as are well adapted to Southern plantings. Twelve well-rooted rose plants for \$1.50 is a bargain for any one. If ordered separate from collection, 25 cents each; \$2.50 a dozen. 2-year old plants, 60 cents each.

Alexander Hill Gray YELLOW. This is an extra fine rose, fine for outdoor or garden planting or house culture. It is the largest pure yellow and an extraordinarily choice rose, especially worthy because there are only a very few yellow varieties that are good and do well in the South.

Columbia PINK. New American Hybrid Tea Rose, a vigorous grower of true pink, deepening upon opening to a glowing pink. Peculiarity is that shades of pink become more intense until full maturity, and this color is enduring. Perfect and exquisite.

Crusader RED. New, big, strong grower and very rugged. Growth and flower stems strong and heavy. Free flowering; blooms are big, double and color is a rich velvety crimson. A free flowering red Rose that is a wonder.

Edel WHITE. Hybrid Tea with very large buds; flowers very large, double, well-built, stately, opens well in all weather; sweet fragrance. Color is white with faintest ivory shading toward base, passing to pure white. Very vigorous grower and free bloomer; foliage bold and distinct.

Frank W. Dunlop PINK. New pink rose that won the silver medal for the best new pink rose and the gold sweepstakes medal for the best seedling in the International Flower Show in New York, 1921. It was the finest flower in the thousands of the best exhibited. It helps to make this collection the greatest collection you can buy.

Golden Ophelia YELLOW. This beautiful improved sport from the famous Ophelia is a sturdy, stiff-stemmed grower with closely set, glossy, beautiful foliage. The flower is of medium size from an exquisitely formed bud of bright golden yellow. It is also a profuse bloomer.

Helen Gould RED. A rich red rose that is a great bloomer. The shade of red has been described best as a watermelon red; elegant. Helen Gould is a tried garden rose, doing especially well in the South. Like the other varieties in our Sunny South Collection, it is a vigorous growing free bloomer entirely adapted.

Lady Roberts GOLDEN YELLOW. This Tea Rose is a very free bloomer and one of the grandest of all



Kaiserin Augusta Victoria—Splendid White Rose—Page 77

garden Roses. The color is a rich golden yellow, the most desirable color to be found in yellow Roses. It is a comparatively new variety that has proved itself without a doubt.

Radiance PINK. Flowers are a beautiful shade of the richest tone of pink, darker on the inner surface of the petals than on the margins. The buds are large and very fine; a strong grower and exceptionally desirable. There's no finer Rose grown than this.

Red Radiance RED. All who know that grand Rose Radiance will welcome this red form of that great favorite. Radiance is a Rose that does well everywhere, a fine grower and free bloomer, and no prettier pink rose grown. Red Radiance is its exact counterpart except that the color is a rich deep red. From our experience in growing it outdoors as well as in the greenhouse we believe it slightly superior to Radiance.

Snowflake WHITE. No Rose lover need be told about Snowflake. It's an old variety, the finest bedder of them all. This improved variety is also called Marie Lambert. It is tea-scented; color is snow white and it is the most profuse bloomer of any Rose in existence.

White Mamon Cochet WHITE. (No finer white rose than this.) It is of the largest size; the flower is built up, or rounded, and very double. The color is pure snow-white although some conditions give it a tinge of pink which adds to its great beauty. No rose surpasses it in vigorous growth and no rose in the Tea family approaches it in immense size of its buds and flowers. It is deliciously fragrant. You cannot make a mistake with this Rose.



Mamon Cochet (Pink and White), Well Opened—Superb Rose

Hastings' Roses These Roses are the cream of all the new Roses of today and should do fine anywhere Roses are grown in the United States. The plants are small, greenhouse grown, from cuttings made last May, grown in 2 1/4 inch pots; plants about 8 inches high. 2-year plants are from 4 inch pots, stronger, about 12 to 14 inches high and should begin to bloom this summer.

NEVER TOO MANY ROSES SOUTH

When the last word has been said for all the other Flowers, the Rose is the one plant in the South of which there cannot be enough. On page 76 we give you our idea of a splendid assortment of Ever-Blooming Bush Roses. On this page we offer a general assortment of the best varieties. These are all healthy, well-rooted plants to be sent post-paid. 20 cents each; \$2.00 per dozen; except where otherwise noted. Strong 2-year-old plants of 20c varieties, 40 cents each; 12 for \$4.00. 2-year plants of 25c varieties, 50 cents each; 12 for \$5.00.

ANTOINE RIVOIRE—Creamy white with rainbow tints; beauty and a wonder. 25c.
BESSIE BROWN—Creamy white flowers; immense size. 25 cents.
BLUMENSCHMIDT—Richest lemon yellow, often tinged pink.
BRIDESMAID—Best deep pink rose. 25 cents; 12 for \$2.50.
CHAMPION OF THE WORLD—Deep, rich, rosy pink; hardy, prolific.
CATHERINE MERMET—Color clear, rosy pink.
CLOTHILDE SOUPERT—Pure white, pink center.
COL. R. S. WILLIAMSON—Satin white with deep blush center.
CORNELIA COOK—No better white rose. Very fine.
CRIMSON QUEEN—Always in bloom; rich bright velvety crimson. 35c; 2-year, 60c.
DUCHESS OF ALBANY—(Red La France). Charming.
DEVONIENSIS—Magnolia fragrance, creamy white color.
DUCHESS DE BRABANT—Bright salmon pink.
ETOILE DE FRANCE—A superb red free blooming rose. 25 cents; 12 for \$2.50.
ECARLATE—A superb deep scarlet bedding rose for the South.
EDWARD MAWLEY—Finest dark crimson Rose.
ETOILE DE LYON—Double, deep golden yellow. 25 cents; 12 for \$2.50.
EMPRESS EUGENIE—Deep rich pink; double; hardy.
EUGENE E. MARLITT—Very free bloomer; richest bright carmine, full flushed.
FLORENCE PEMBERTON—Fine summer bloomer. Creamy white and pink.
FRANCIS SCOTT KEY—Deep red rose. Wins in every competition. 35c; 2-yr., 60c.
F. R. PATZER—Creamy-buff, reverse delicate pink; extra fine.
FRAU KARL DRUSCHKI—Often called "White American Beauty." 40c; 2-yr., 75c.
GENERAL McARTHUR—New superb deep red rose.
GEN. SUPERIOR ARNOLD JANSSEN—Glowing carmine. Extra.
GLOIRE DES BELGES—Exquisite carmine and cochineal. 35c; 2-year, 60c.
GRUSS an TEPLITZ—Brightest scarlet, shading to velvety crimson.
HADLEY—Deep velvety crimson, strong grower, shapely buds. 35c.
HELEN GOOD—The \$1,000 rose. Diffused pink and yellow. 25c.
HENRIETTE—Fiery orange-crimson, changing to coral-salmon. 35c.
HOOSIER BEAUTY—Glowing crimson-scarlet; one of finest roses ever grown. 25 cents; 2-year plants, 60 cents each.
JONKHEER J. L. MOCK—A glorious pink rose.
KAISERIN AUGUSTA VICTORIA—Extra pure double white. 25c.
KILLARNEY—Clear rich deep shell-pink.
KILLARNEY BRILLIANT—Clear pink in bright weather, almost crimson in dull. Best of the Killarneys. Extra fine. 35 cents; 2-year, 60 cents.
LADY HILLINGDON—An intense deep yellow. Long buds.
LADY PLYMOUTH—Pearly, delicate but deep ivory-cream, faintly flushed. Gold Medal N. S. R. of England. 35c; 2-yr., 60c.
LA TOSCA—Soft pink, tinted with rosy white.
LAURENT CARLE—Deep rosy carmine. Extra fine.
LOS ANGELES—One of finest ever introduced. Luminous pink toned coral and shaded gold at base. Large, rich, fragrant. 40c; 2-year, \$1.00.



Mlle. Francisca Kruger—Deep Coppery-yellow

MADAME BUTTERFLY—New blend of pink, apricot and gold. 40 cents; 2-year, 75 cents.
MADAME CAROLINE TESTOUT—A grand bright pink.
MADAME JENNY GILLEMOT—Deep saffron yellow; extra large.
MADAME JULES GROLEZ—Rose and satiny pink; extra.
MADAME MARCEL DELANEY—Rose shaded hydrangea-pink. 35c.
MADAME SEGOND WEBER—Grand deep pink.
MADMOISELLE CECILE BRUNER—Most popular baby Rose, salmon pink. It has become quite the rage and is very fine.
MADMOISELLE FRANCISCA KRUGER—Deep, coppery-yellow.
MADISON—Extra double pure white. Mildew proof.
METEOR—A grand, rich dark red rose; extra fine.
MISS WILMOT—Sulphury cream with flush. Most refined. 35c.
MRS. BENJ. R. CANT—Full form, very light red color.
MRS. GEO. SHAWYER—Color bright peach pink, long stems.
MRS. MACKELLAR—Deep citron or delicate canary yellow. 35c.
MY MARYLAND—Clear glowing pink; extra.
NATIONAL EMBLEM—Dark crimson; perfect beauty. 35 cents.
OPHELIA—Salmon-flesh, shaded rose. Excellent. 35c; 2-yr., 60c.
PAPA GONTIER—Rich, bright red, very fine bloomer. 25 cents.
PAUL NEYRON—Giant pink hybrid perpetual. Free bloomer. 25c.
PERLE DES JARDINS—Clear golden-yellow, very rich.
PILGRIM—Bright rose-pink; perfect buds and flowers. 35 cents; 2-year, 60 cents.
PINK LA FRANCE—Magnificent silvery pink flowers.
PINK MAMON COCHET—Queen of garden roses. 25 cents; 12 for \$2.50.
PRESIDENT TAFT—Of good size and form. Color intense pink. 25 cents.
RED LETTER DAY—Glowing crimson-scarlet.
RHEA REID—Richest deep crimson; fine for gardens.
SOUVENIR de PIERRE NOTTING—Orange-yellow, bordered carmine.
SUNBURST—Magnificent giant orange-copper or golden yellow.
THE QUEEN—Beautiful large, pure white. Extra.
WELLESLEY—Self pink; very bright in color.
WHITE LA FRANCE—Pure white, fawn shadings.
WM. R. SMITH—Delicate blush pink. Has no superior as garden rose. 25 cents.
WM. SHEAN—A splendid rose of purest pink color. 35c each; 2-year, 60c.
YVONNE VACHEROT—Porcelain-white, retouched with red. First merit.
BABY RAMBLER—BUSH FORM—Red (Baby Rambler), White (Catherine Zie-met), Pink (Anna Muller). Each of dwarf habit and covers entire plant with blooms all summer and fall. For pots, bedding or hedges. 20 cents each.

THE BEST OF ALL OUR CLIMBING ROSES

AMERICAN PILLAR—Enormous flowers of apple blossom pink; clear white eye. 25 cents.
CLIMBING AUGUSTA VICTORIA—This ivory white climber is elegant.
CLIMBING DEVONIENSIS—The climbing magnolia rose; blush white.
CLIMBING HELEN GOULD—Richest watermelon-red. Very free. Grand.
CLIMBING METEOR—The acme of all red climbing roses.
CLIMBING PAPA GONTIER—Bright coral-red; extra.
CLIMBING PINK COCHET—To climbers what Pink Mamon Cochet is to bush roses. 25 cents; two-year plants, 50 cents.
CLIMBING SOUV. DE LA MALMAISON—Creamy-flesh; peach-pink center.
CLIMBING WHITE MAMON COCHET—Climbing form of White Cochet.
CLOTH OF GOLD, or CHROMATELLA—Clear golden-yellow, full, double and fragrant. Much prized in the South.
DOROTHY PERKINS—The best of the Rambler roses for the South. In color a beautiful shell pink. Red Dorothy Perkins, same price. 25 cents.
LAMARQUE—A beautiful white Southern rose and a strong grower.
PILLAR OF GOLD—Apricot and golden yellow.
REINE MARIE HENRIETTA—Deep cherry-red; sweet scented.
REVE DE OR, or GOLDEN CHAIN—Color orange-yellow.
THE MARECHAL NEIL—A rose famous the world over, and no collection in the South is complete without it. 20 cents each. Strong plants, 50 cents each. Extra strong plants, Marechal Neil only, \$1.00 and \$1.50 each.



Climbing Rose on a Southern Home

Hastings' Evergreen Lawn Mixture

(No. 550) You want a beautiful, velvety green home lawn. You, too, can have a beautiful lawn with Evergreen Lawn Grass. Hundreds of the finest and the most humble homes in Atlanta and throughout the South have beautiful lawns the year around and so can you make your home "The Home Beautiful" with a velvety green lawn. Without a green lawn no home is really attractive.

This is our own mixture, proved by years of lawn making to be the best for the South. You cannot buy it elsewhere. It makes a quick show and on well prepared soil soon becomes a beautiful velvety lawn. It stands summer heat and drought without serious injury, coming out again when the rains begin. If watered thoroughly once or twice a week during hot, dry weather of course it will stay green all the time, as it does fine without attention during the fall, winter and spring.

Follow our "Culture" directions closely and failure will hardly be possible. **Pound, 50 cents; 5 lbs., \$2.25; postpaid. Not prepaid: 10 lbs., 40c per lb.; 100 lbs., 35c per lb.** Prices subject to change.

LAWN CULTURE Sow Hastings' Evergreen Lawn Grass this spring, early, for new lawns or reseeding old lawns. For new or remade lawns, spade or plow 12 inches deep. Remove all rocks and litter. Apply one bag (50 lbs.) of hydrated, air slacked, lime to each 1,000 sq. ft. (plat 20x50 feet) and harrow or rake in. 5 to 10 days after liming, apply 100 pounds Pulverized Sheep Manure to each 1,000 square feet. (Never use stable or barnyard manure. Wizard Brand Sheep Manure is subjected to intense heat to destroy weeds, disease and all plant life and so is best.) Mix in the sheep manure by spading or plowing. Apply garden or lawn fertilizer (commercially known as 8-4-4, 50 lbs. per 1,000 sq. ft. Rake thoroughly, mixing fertilizer with soil and working the soil down fine and smooth. Sow the seed carefully so not to skip spots. 5 lbs. of seed will plant 1,000 sq. ft. (20x50 ft.) Plant a plenty of seed or you won't have a thick, velvety lawn. Write for prices on Wizard Brand Sheep Manure. You should be able to get 8-4-4 Fertilizer and Hydrated Lime locally.



Hastings' Evergreen Lawn Grass, properly planted, will make your house "The Home Beautiful." See above.

HASTINGS' PERMANENT PASTURE MIXTURE (NO. 551)

Wherever cattle are raised, wherever horses and cows are kept, there is need for pasture grazing. There are many soil types in the South and some grasses may do a good deal better on yours than others. The only way to find out would be to test many varieties over several years. This is impractical in most all cases so we have experimented for you. This mixture has been made up after careful study and experiments on many soil types through the South and has given by far better results than any single grass or any other combination of grasses.

This mixture is only recommended for the northern parts of Georgia, Alabama, Arkansas and South Carolina, but in North Carolina, Tennessee and further north you will find it gives good results and is fairly permanent. It should be planted in the fall or early spring and the land should be thoroughly prepared, rich or heavily manured and fertilized, worked smooth and fine. You

must have good soil and a good seed bed before planting. With these you should obtain a fine pasture. Sow at least 35 pounds of seed per acre and it is best to add a pound each of Red Clover and Alsike Clover seed to each 10 pounds of the mixture. Clover and grass seeds won't mix evenly so buy the clover separately. There is no Bermuda or Johnson Grass in this mixture. Hastings' Permanent Pasture Mixture is properly proportioned for best results and contains Blue Grass, Orchard, Meadow Fescue, Red Top, Tall Meadow, Italian Rye, Crested Dog's Tail and English or Perennial Rye Grasses. Prepare your pasture land thoroughly, plant very early and you should get a better pasture than from any other you can plant. **Pound, 45 cents; 5 pounds, \$2.00; postpaid. Not prepaid: 10 pounds, 35 cents per pound; 100 pounds, 30 cents per pound.** Prices subject to change without notice. Write for quantity prices.



Grass Seeds For Hay or Pasture

We of the South spend most of the summer killing grass in our cotton and corn fields and spend most of the winter and spring buying grass in the shape of hay. No farming country can be permanently prosperous without grass and live stock, and you can't keep live stock without grass-growing. It's certainly time for the South to do more thinking about the "Grass Crop," and see it as something to be grown, not "killed."

Georgia bought during one year over twenty million dollars' worth of hay from outside the state mostly from states farther north. Hay is nothing but dried or cured grass cut at the time it is in its prime. It is one of the great staple crops of this country. Georgia is still a hay buyer. So is every other one of the distinctively cotton states. Grass in a crop needing clean cultivation needs to be killed. Every place else it ought to be encouraged and grown as a crop. It's more profitable than corn or cotton per acre.

Kentucky Blue Grass (No. 533) An excellent lawn grass, succeeding best on limestone land, but does well on stiff clay and medium soils. Blue Grass in pastures doesn't show up materially the first year after seeding, but if the soil is suitable it continues to improve until you have a beautiful stand. We make a specialty of Blue Grass for extensive lawn work here in Atlanta, where everything depends on having pure vital seed, free from weeds. Here it remains almost dormant during the hot weather; its chief value in pasture seeding is for mixing with Bermuda, Lespedeza, and other summer growing varieties. For planting sow about forty pounds per acre. Fancy re-cleaned seed: **Pound, 65 cents; postpaid.** Write for quantity prices. 10 pounds or over, not prepaid, about 40 cents per pound.

Red Top or Herd's Grass (No. 545) Hay and pasture grass. Succeeds on most kinds of soils, but does best on heavy or low, moist, stiff soils. By repeated mowing, this grass holds well during the summer, but its chief value is for winter pastures. It is perennial, not doing so well the first year but gets better the longer it grows; will stand wet weather admirably, growing well after being covered with overflow water for two or three weeks at a time. It will not become a pest, but can be destroyed any time if desired. **Pound, postpaid, 45 cents.** Write for quantity prices. 10 lbs. or over, not prepaid, about 27c per lb.

Timothy (No. 546) A hay grass suitable only for the northern part of the South, especially hill and mountain districts. It is the standard hay crop in the North and makes one of the most popular, nutritious, and salable of hay grasses. It does not make such good pasture but the hay crop is great. "Red Top or Herd's Grass" and "Meadow Fescue" mature at the same time and do well in mixtures with Timothy. **Pound, 99% purity or over, postpaid, 35 cents. Ten pounds or over, not prepaid, about 15 cents per pound.** Write for quantity prices when ready to buy.

EAST COAST OR RHODES GRASS (No. 543) 12 Tons Hay Per Acre Per Year

It's not often that a really new and valuable grass appears, but the Rhodes Grass, or "East Coast Grass", as it is more commonly known in Florida, is certainly a find, for we know of no grass so valuable for Florida and the Gulf Coast section. Rhodes Grass has been grown on both the East and West Coasts of Florida for the last six or eight years with most marked success.

We were assured by Mr. R. L. Conkling, who has charge of the experimental work of the Fellsmere Farms, that the Rhodes Grass produced, in their experiment grounds, twelve tons of dry hay per acre. That is some hay crop per acre for sandy land, or any soil.

It is not coarse and makes hay equal to if not superior to the best Northern Timothy hay. The illustration shown on this page is from a photograph taken on the Fellsmere Farms in spring and shows only one of the nine or ten cuttings of hay per year that this magnificent hay grass produces. Just how far north Rhodes Grass can be successfully grown can not be stated at this time. We believe it is hardy through the winter as far north as a line drawn from Macon, Ga., through Montgomery, Ala., Jackson, Miss., and Shreveport, La. Its great value makes it worth trying. **Pound, \$1.00; postpaid.** Write for special prices on large quantities.

Grass Seed Prices

Grass seed prices change almost daily and so we cannot make definite quantity prices in the catalog. Write for prices on the amount you want when you are ready to buy. Then we can give you our best market prices and also tell you exactly what the freight or express will be to your station.

English or Perennial Rye Grass (No. 535)

English Rye is very similar to Italian Rye, grows off a little slower, but has the advantage of lasting for years. In Georgia, however, it cannot be depended on for more than a year. It makes very heavy leaf growth so is fine for pasture or hay. Use it in Bermuda sod to keep the lawn green in the fall, winter and spring, when the Bermuda is dormant. Being perennial it is especially adapted for pastures and lawns and for hay by itself as well as in mixtures with grasses such as "Orchard" and "Tall Meadow Oat." Sow about 45 pounds per acre. **Price: Pound, postpaid, 40c. Not prepaid: 10-pound lots, about 20 cents a pound.** Write for quantity prices when ready to buy.

Italian Rye Grass (No. 536) Recommended principally for fall planting but can also be planted in early spring. It is one of the quickest growing grasses, has very tender stalks and leaves, and in addition, abundant growth. Many plant it by itself, but it is also very valuable when planted in mixtures. In Bermuda and other lawns it is valuable during the winter and until hot weather. When the other grasses are dead or dormant the Italian comes up and keeps your lawn green. Italian Rye Grass for lawns makes the quickest show of any grass and is the very best single grass for beautiful velvety green lawns throughout the fall, winter and until the hot dry summer weather appears. This is particularly true of the lower South. Scratch in Bermuda sod and have a beautiful lawn the year around. Sow about 45 pounds per acre. **Price: 40 cents per pound, postpaid. Not prepaid: 10-pound lots, about 20 cents per pound.** Write for quantity prices.

Tall Meadow Oat Grass (No. 541) Withstands the heat and drought of midsummer and the cold winter, starts very early in the spring, and continues to give good grazing until late in the fall. For hay, it can be cut twice in a season. Its nutritive hay value is first-class. It ripens at the same time as orchard grass and gives good results sown with it and red clover. For hay should be cut as soon as it blooms. Tall Meadow Grass is best adapted to good loamy uplands, but gives excellent results on nearly all soils, and even on light, medium or sandy soils. Sow at rate of 3 bushels (33 lbs.) per acre, either in the fall or spring. **Pound, postpaid, 50 cents.** Write for quantity prices when ready to buy. 10-pound lots, not prepaid, about 30 cents per pound.

Orchard Grass (No. 542) One of our most reliable grasses for the Middle South for hay and pasture. While succeeding well in almost all fertile soils it does best on loamy and moderately stiff uplands. Starts growth very early in the spring and continues well into the winter. A quick grower and relished by stock, especially when young, and bears closest grazing. This grass is probably more cultivated than any other grass in the world. It is very easily handled and cured for hay. It is a long-lived grass, with half a chance lasting under good treatment about thirty or forty years; yet it is easily exterminated if the land is wanted for other purposes. Sow about 45 pounds per acre and cut when in bloom. **Pound, postpaid, 40 cents.** Write for quantity prices. 10 pounds or over, not prepaid, about 20 cents per pound.



Hauling in Rhodes Grass Hay (Fellsmere, Florida)



Hastings' Pure and Genuine Sudan Grass

Meadow Fescue (No. 538) This grass succeeds in almost all parts of the South. Furnishes green pasture through the fall and winter and is mighty good when used in mixtures for hay crops or permanent pastures. Sow in spring from February 15th to April 1st, or in fall from August through October. **Pound, postpaid, 45 cents.** 10-lb. lots, not prepaid, about 22 cents per lb. Write for quantity prices when ready to buy.

Bermuda Grass (No. 530) While looked upon by many as a pest, it is really one of our most valuable grass plants for the South, and in the Lower South especially. It is the only sure pasture grass for sandy soils; grows on all kinds, from heaviest clay to the lightest sand and furnishes abundant pasturage. No other grass will give you so great returns with as little fertilizer and care, and Bermuda withstands drought and scorching summer sun better than any other variety. Seed should be sown at the rate of 5 or 6 pounds per acre between March 1st and June 1st. Seed will not germinate when ground is cold. Under favorable conditions it requires from 20 to 30 days to germinate. $\frac{1}{4}$ pound packet, 25 cents; pound, 75 cents; postpaid. Ten pounds or over, not prepaid, about 60 cents per pound. Write for our best market prices when ready to buy.

THE SUDAN GRASS

(No. 548) This new grass was brought to the United States from Egypt in 1909. It was first planted in an experimental way in Texas, then the seed distributed to various Experiment Stations with remarkably successful results. We can best describe it by saying that it has all the good qualities of Johnson Grass with a lot more of its own added, and while it looks like an extra tall-growing strain of Johnson Grass it has not a single bad quality of Johnson Grass, such as the creeping underground root stocks. Sudan is an annual grass requiring reseeding every year. It can no more become a pest on your farm than can sorghum or cowpeas. Once killing frost comes it is dead and another seeding is necessary the next year. It easily crosses with sorghum and for that reason there is little pure or nearly pure seed of it, most of it having been grown near enough to sorghum to cross and be impure. You are sure to get Genuine Sudan Grass seed from Hastings'. With us, planted in rows for seed, it grew from 6 to 7 feet high. Sown broadcast for hay crop growth was about 4 feet high, furnishing two heavy cuttings, and with the seasons favorable a third one is obtained. Four tons of dried hay per acre will not be an exceptional yield here in the Southeast. Easily cured and should be cut when first coming into bloom. Hay is much softer than Johnson Grass, stems being much more slender and leafy. In feeding value it ranks high in comparison with other hays and will go far in providing a much more satisfactory and easily handled cured hay than sorghum and peas. Sudan Grass is a wonder in its "stooling out" qualities and we certainly expect to see the time come when it will supersede the different varieties of sorghum for hay and forage crops in the South. It is certainly far superior to them. For hay crop, sow Sudan Grass broadcast at rate of 15 to 20 pounds per acre. For growing a seed crop for your own future use, plant thinly in rows 18 inches apart, using 5 to 6 pounds of seed per acre. Plant at least a small quantity of Sudan Grass this year as soon as danger from frost is past, for if you want a satisfactory hay plant for the Cotton Belt or even as far North as Ohio you can get nothing so productive. Be careful in buying Sudan Grass. Many samples we have seen contain Johnson Grass seed; others are Sudan-Sorghum crosses. **Price:** $\frac{1}{4}$ pound, 20c; pound, 45c; 3 pounds, \$1.00; postpaid. **Not prepaid:** 10 pounds or over, about 25 cents per pound. Prices subject to change without notice. Write for our lowest market prices when ready to buy.

Johnson Grass (No. 537) While considered a pest in many parts of the South, it is now coming to be recognized as one of our most valuable hay and forage plants. In places where its growth can be controlled and kept from spreading into cultivated fields there is no other grass that makes such enormous yields of hay. It should be cut or mowed just when seed heads begin to form, and furnishes about three cuttings per season. There is a great demand for the hay, as it is eagerly relished by all classes of stock, and especially horses. The seed may be planted in early spring or early fall and at the rate of 50 pounds per acre will give you permanent summer pasture and hay crop forever. It is very hardy and no matter how close it is grazed it will grow and make an excellent quality of hay on most any kind of soil. **Pound, postpaid, 40 cents.** Write for quantity prices when ready to buy.

Carpet Grass (No. 553) Carpet Grass is one of the most valuable pasture grasses for the lower South. It grows on poor sandy soils better than Bermuda and does well on most any soil with a fair amount of moisture. It spreads rapidly, stands closest grazing and heavy trampling. For lawns and golf courses it will make a heavy sod and the closer it is cut the better it grows. It also does well in pastures with Bur Clover and Japan Clover, these giving all year grazing. Sow 10 pounds per acre for pasture, twice this for lawns, from early spring until July. **Pound, 75 cents; postpaid.** Write for quantity prices.

Dallas Grass (No. 534) **PASPALUM DILATATUM**—This Grass furnishes hay or pasture all the year in the far South. However, in the cotton belt it furnishes two hay cuttings of fine quality, the second cutting heavier and finer than the first. It stands light frosts and does well on most any soil with a plenty of moisture except dry sandy soil. It stands close grazing remarkably well and grows from early spring until killing frost. Sow in March and April, earlier far South, on well prepared land. Plant 8 pounds of seed per acre. **Pound, 75 cents; postpaid.** Write for quantity prices when ready to buy.

Hastings' Seeds and Why It Pays to Plant Them

You can always be proud to say to anyone "This was grown from Hastings' Seeds". There's a mighty good reason why Hastings' Seeds are the Standard of the South. Results from cheap seeds show poor crops, poor gardens, dull flower colors and small flowers, small bulbs and diseased roots or plants. As it is, you can plant Hastings' Seeds, fresh and ready to grow, direct from Hastings in Atlanta, and know that with a fair season and proper cultivation you will have as fine a crop as it is possible to grow on your land. You can depend thoroughly on Hastings'. Our farm seeds have been bred and selected for the biggest yields per acre. The garden seeds have been bred and selected for the most delicious table vegetables. The flower seeds, plants and bulbs for the richest colors and largest improved blooms. It pays you well to plant Hastings' Seeds. They are not ordinary seeds—there's a lot of difference. It's very interesting to keep a crop or garden record and see how much you saved and how much more you made over any other seeds you ever planted before. Remember that "Cheap Seeds Are Seldom Worth Their Cost—Good Seeds Are Always Worth Their Cost."



ALFALFA OR LUCERNE CLOVER (No. 500)

Alfalfa or Lucerne Clover is the most talked of and most widely planted of all the varieties of clover in the world. It is said that the feeding value of a ton of Alfalfa is equal to a ton of shelled corn.

Alfalfa in the South will produce 5 to 7 tons of hay to the acre each year and in true value is worth 45% more than other clovers and 60% more than Timothy hay. It will grow 4 or 5 crops a year and it does not exhaust the soil; it enriches the soil. Its long branching roots penetrate far down, 15 to 20 feet, and so loosen the subsoil that it is a gigantic subsoiler, resists drought, and gets plant food where other crops would be a failure. When the plants are destroyed in order to raise other crops on Alfalfa land, the large roots decay and produce a vast source of fertility to be used by following crops.

Although fall sowing is preferable, fine results can be obtained from early spring sowing. Give it care and attention, especially the first year, and your trial will show you that you cannot afford to be without it. Get it thoroughly established by first preparing your land, applying plenty of lime, and before seeding you should inoculate the seed. If your land has never had Alfalfa growing on it before, be sure to inoculate the seed with nitrogen-gathering bac-

teria for Alfalfa, which are necessary. See page 95. When once established, Alfalfa is the most valuable permanent clover that can be grown. It is adapted to almost the entire South and has the highest feeding value of any hay. Do not sow on wet ground, high and rather dry being preferable, and only cut when coming into bloom.

Do not buy cheap Alfalfa seed. If it's cheap, it is not pure Alfalfa but mixed with weed seeds. Weeds are very troublesome to Alfalfa, crowding it out and ruining the quality of your hay, so be sure to get the highest grade seed and no other kind. This is absolutely essential to success. Sow in thoroughly prepared soil, either broadcast or in drills, at the rate of 20 pounds per acre.

If you are in doubt about Alfalfa growing or want to know anything further about Alfalfa, write for Hastings' Farmers' Bulletin No. 101. It is free and contains valuable information about growing Alfalfa.

We sell only the highest grade seed, 99% purity or over, and all of it is the strongest American grown seed on the market. Price 45 cents per pound; postpaid. Not prepaid: 10 pounds or over, about 25 cents per pound. When ready to buy, write for our best prices.

Hubam Clover (No. 502) Annual White Sweet Clover. This new clover, an annual form of *Melilotus*, is praised as a green manure plant, a pasture plant of very rank and quick growth and a bees' paradise. It has great merit for lime lands but we do not fully recommend it for the South. Sow 1 to 4 pounds per acre. Genuine Hubam: Pound, \$1.00; postpaid. Write for quantity prices.

Japan Clover or Lespedeza (No. 505) One of the most valuable Southern clovers, growing well on rich or poor soil. On poor land it has a creeping habit; on better quality of land a bush form, making a vigorous plant, growing 12 to 18 inches high. Sow in spring or fall, about 25 pounds per acre. Harrow in to the depth of 1½ to 2 inches, according to character of soil, then roll or firm the soil in the most convenient way. Makes good grazing. Well adapted for use as green manure by turning it under; it enriches the soil and prevents "washing" of hill lands. Its abundant long taproots and laterals decaying make the soil porous and leave in it much valuable nitrogenous matter to be used by the following crops. Roots penetrate deeply, enabling the plant to stand severe dry spells, also bring up valuable plant food from the subsoil. In Florida sow in the fall for best results; in Georgia, Texas, Alabama and Mississippi sow in March or early April. Pound, 50 cents; postpaid. Write for quantity prices when ready to buy.

White Clover (No. 509) This clover does well in the Central South. Most all permanent lawn and pasture mixtures contain some White Clover and by itself it makes good grazing for cattle and sheep. It is perennial with rather uncertain habits of growth, sometimes covering the ground with a thick mat of vigorous plants and sometimes lying dormant, so it should be seeded into sod or mixed with other clovers or grasses. It succeeds best on moist ground or during a wet season. If sown by itself use 10 pounds per acre or half that amount when put in with other clovers or grasses. Best grade seed, 75 cents per pound, postpaid. Write for quantity prices.

Alsike Clover (No. 501) Also called Swedish Clover. Best clover for wet lands. Similar to Red Clover but more slender stems and smaller leaves; blossoms white shading pink. Does fine with grasses for hay or pasture and grows well in Northern Cotton Belt. Pound, 45c; postpaid. In quantity, not prepaid, about 30c per lb. Write for prices.

Sweet Clover or Melilotus (No. 507) Also known as Bokhara Clover. As a land-builder it has few equals. Experiments on the Hastings' Plantation are leading us to seed down our poorer land with it for soil building. It is a coarse clover resembling Alfalfa, in fact, has been called "Alfalfa's twin sister", and using the same kind of inoculation is very valuable in preparing land for Alfalfa. It is fine for raising bees and to build up your poor land it is mighty good. Sow about 12 pounds to the acre in February and March for spring planting or August to October for fall planting. Pound, hulled or cleaned seed, postpaid, 40c. 10 lbs., not prepaid, about 20c per lb. Write for prices.

Red Clover (No. 508) A valuable farm crop in the northern part of the Cotton Belt. Equally good for pasture, hay or soil improvement. Even the first crop makes rich feed and is most valuable for hay. Red Clover is a nitrogen-gathering plant and one of the best soil improvers. Clover intelligently used is one of the farmers' best friends and should be used in the regular rotation. Sow in the fall or spring, September and March being the best months. Pound, by mail, postpaid, 50 cents. Quantity lots, not prepaid, about 30c per lb. Write for prices when ready to buy.



Red Clover

HASTINGS' PROLIFIC CORN (No. 140)

Hastings' Prolific, Finest in Quality A Wonderful Producer of Grain and Forage—The Prize-Winning Corn of the South for You to Plant

No man in the South that we know of ever got into trouble by having too much corn, the product of his own acres, with too many hogs to finish off on corn.

We have never heard of any man going "broke" on a farm in the South where it was the regular practice to grow enough corn and other grain and feedstuffs to see that farm through until another crop was made.

On the other hand Atlanta and other cities and towns of the South contain tens of thousands of financial wrecks from the farms who went "broke" trying to grow all cotton or nearly all cotton and depending on that cotton to pay store bills for corn and feedstuffs that could have been made on those home acres at from one-third to one-half the merchants' price.

Cotton may or may not go higher. It certainly won't if we plant as near up to "the graveyard" as we have and nature favors a good yield. The price may be high or it may be low but the fellow who is hit is the one that has to pay for corn and other food and grain.

High corn prices hurt and hurt only the man who has corn to buy. The "bears" and an extra large corn and grain year with "tight banking" can pull prices down for a while but he who makes corn enough to see him through and to sell can sit back at ease in mind and pocket regardless of whether the price be high or low.

The National Hog and Cattle Show at the great Southeastern Fair at Atlanta last fall, the second largest in the world, along with the Boys' Corn Club Show, surely made hundreds of Southern farmers stop to think what they might have done instead of letting the boll weevil eat up their cotton crops last summer and fall. Those farmers and other up-to-date farmers will plant corn this year as they never did before and they will rotate their crops and build up their land as they never have before.

Labor has been scarce and high and everything the farmer buys in town has been just that high too. Labor is fairly cheap again now and the farmer who will make the money on this opportunity will be the one who raises absolutely everything possible that's needed on his place and then sells his cash crop for cash. It's the only safe way.

It's hard to find a farmer in the South who hasn't heard of Hastings' Prolific favorably. They all know it's a corn of fine reputation, not a reputation gained by advertising but a reputation gained by "making good" in every county of every state in the South. It's the top-of-the-list variety no matter whether it be in prize contests or whether it be in the field of the smallest tenant farmer. It is THE Upland Corn to plant anywhere in the South and you can depend on it to make good for you.

Hastings' Prolific Corn

Now almost everybody knows that Hastings' Prolific holds more high yield per acre records than any other variety planted in the United States, these going all the way up to the 214 bushels and 40 pounds made by Ben Leath, of Walker County, Georgia, and the 214 bushels and 51 pounds made by J. Jones Polk, Jefferson Davis County, Mississippi.

We could fill this entire catalog with Boys' Corn Club prize yield records from every Southern state made during the past eight or nine years. We could go into detail showing particulars of how Hastings' Prolific won highest honors in Georgia seven years out of eight, etc.

The host of imitations cropping up each year under the names of Smith's or Jones' or Brown's Prolific, etc., are direct evidence of the popularity and value of Hastings' Prolific, easily and by far the leader of them all.

It has "made good" on the poorer grades of sandy soil as well as the rich river bottoms, on the red clay hills of the Piedmont section of Alabama, Georgia and the Carolinas, on the "black waxy" lands of Texas, and on the Mississippi delta. Hastings' Prolific has a good reputation and deservedly so.

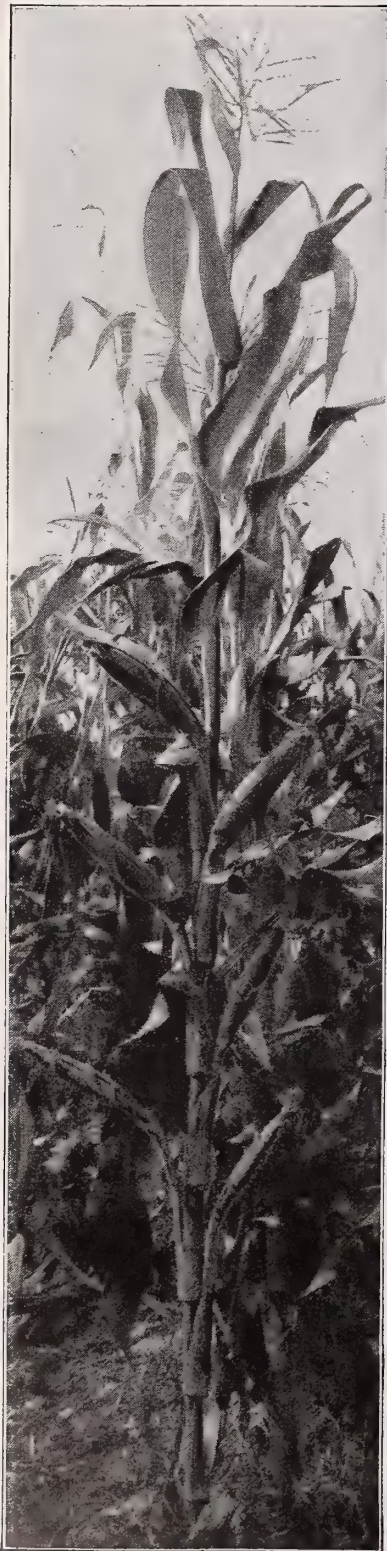
Description Hastings' Prolific requires a fairly long season to develop hard corn, 120 to 130 days. Stalk is large, 8 to 12 feet tall, according to soil and season, rooting deeply. Stalk and blades are large and vigorous. Ears of medium size, two or more to the stalk, depending on the distance given and the growing conditions. On good, strong land where the corn has distance of 24 to 30 inches in the row, it often makes 4 to 6 ears to a stalk. The ears are well filled out and weigh from 8 to 12 ounces. The grains are deep, white and hard. The cob is small. Seventy pounds of ear corn will usually shell out 61 to 63 pounds of grain. Shuck is heavy and covers the ear tightly, keeping out birds and insects and preventing loss in late, wet seasons, when other corn rots badly on account of storm injury. The best corn for grain production, for roasting ears, for making meal, and for stock feeding.

BUY YOUR SEED FROM ORIGINAL SOURCES

There is only one safe place to buy Hastings' Prolific and that is from Hastings. It's impossible to keep seed corn pure when grown on small farms. By owning and controlling thousands of acres our corn crops are isolated sufficiently to practically insure purity. Besides, we are constantly at work breeding and field selecting Hastings' Prolific on the Hastings' Plantation, where all the seed is grown. Our seed this year is fully 25 per cent better and more prolific and productive than that of a few years ago. Send to headquarters and be sure of what you plant.

Prices of Hastings' Prolific, Prize-Winning Seed

Packet, 10 cents; 1 pound, 30 cents; 2 pounds, 45 cents; postpaid. By express or freight, not prepaid, 14 pounds (peck), \$1.00; 56 pounds (bushel), \$3.50; 112 pounds (2 bushels), \$6.75.



Hastings' Rockdale Corn

(No. 141) For bottom lands in the Central South, for the black waxy lands of Texas, for the delta lands of Louisiana and Mississippi and any rich or highly fertilized uplands there is no big-eared corn that equals Hastings' Rockdale.

We are mighty well acquainted with Rockdale Corn. It's a Georgia variety and we have grown it and sold it since 1897. It's a thoroughbred, the best of all the big-eared Southern field corns for main crop. Our illustration is a little over half its natural size and shows well the general appearance of the ears. Very flinty for a dent corn, medium early for main crop; cob small and white, with long slightly dented, deep white grains. Occasionally a slightly red cob is found in it, but this is seldom. Ears very large, 10 to 13 inches long, and weigh 1 to 1½ pounds each. One Texas grower reported 2½ pound ears. Fine for meal and for an all-round general purpose main crop corn with big ears it's unexcelled. This is the best big-eared corn you can plant. Literally thousands of testimonials, from every section and locality of the South, say with us that it is the very best big-eared Corn.

Prices on Rockdale Corn Packet, 10 cents; pound, 30 cents; 2 pounds, 45 cents; postpaid, 14 pounds (peck), 90 cents; by express or freight, not prepaid; 56 pounds (bushel), \$3.00.

Early White Dent (No. 145) Favorite white variety for early crop in the South. First ready of those producing large ears. One to two ears per stalk; fine for "roasting" ears. Packet, 10c; pound, 30c; 2 pounds, 45c; postpaid, Not prepaid: 14 lbs. (peck), 85c; 56 lbs. (bushel), \$2.75.

Improved Golden Dent (Georgia Grown) (No. 144)

Practically all seed of Golden Dent Corn offered in the South either by seedsmen or local merchants is Northern grown and not acclimated, so, seldom makes good in the crop. Ours is different. Our specially grown Georgia raised seed of Golden Dent will please you and make you a sure crop for early use. It has been the standard yellow variety for planting in the South in recent years; a splendid medium early yellow field corn. Large ears, with small red cob and large grains of deep yellow color. A strong grower, standing up against hot dry weather remarkably well for a corn of its class. It matures hard corn for feeding in 110 to 115 days, the grain being rich in feeding value; also good for roasting ears. The Improved Golden Dent is a valuable yellow corn for early planting in the South and you cannot make a mistake in planting it. In the past our Southern farmers have preferred the white corns to plant and raise and white corn has been grown almost exclusively in the South. Many farmers know, however, that all kinds of stock prefer the yellow corn and will leave the white for yellow because of its rich buttery flavor and perhaps because the yellow is easier digested. Agricultural chemists believe they have found a relation between the fat-soluble vitamins (for quick and easy digestion) and the yellow plant pigments, such as found in yellow corn and is not present in white corn. Whether this is true or not remains to be proven, but we know that stock prefers yellow corn in the South as well as North and we should grow some at least for the needs on our own farms, Improved Golden Dent being the very best Southern variety. Packet, 10 cents; pound, 30 cents; 2 pounds, 45 cents; postpaid, Not prepaid: 14 pounds (peck), 90 cents; 56 pounds (bushel), \$3.00.

Hickory King (No. 142) Has the largest grains, with smallest cob, of any white corn introduced. We have what is known as the Broad Grain Hickory King; a single grain nearly covering a cross-section of the entire cob. It is a strong grower; the stalks take a firm hold on the ground and stand upright, resisting heavy wind storms without blowing down. In fairly good soil each stalk bears 2 and sometimes 3 medium sized ears. It yields good crops on light soils and is one of the most productive and profitable white varieties for planting in the South. Ears fill out well and will make more shelled corn to bulk of ears than any other variety. It is good for roasting ears to follow Early White Dent; makes a splendid quality of corn meal, and is just the right sort for stock feeding, being almost all corn and very little cob. It matures fully in from 115 to 125 days. Packet, 10 cents; pound, 30 cents; 2 pounds, 45 cents; postpaid, Not prepaid: 14 pounds (peck), 90 cents; 56 pounds (bushel), \$3.00.

Truckers' Favorite (No. 150) This very popular variety is an early corn for roasting ears in 65 to 85 days, depending on the season and where planted. It is sometimes called a 100-day corn (to maturity) and is fine to follow Adams Early. It is a white corn, good grain depth, very tender and sweet and makes most desirable roasting ears, but is also a splendid field corn, combining earliness with large, well filled ears. Truckers' Favorite is fine to plant very early or very late, following other early crops. It matures even before Early White Dent and makes delicious meal. One to two large ears are formed to the stalk and the hardness of this variety with its perfectly formed ears about eight inches long make this an exceptionally valuable corn. Packet, 10 cents; pound, 30 cents; 2 pounds, 45 cents; postpaid, Not prepaid: 14 pounds (peck), \$1.00; 56 pounds (bushel), \$3.50.

Mexican June Corn (No. 148) This corn, originally from Mexico, has a distinct place to fill in the Cotton Belt, not as a general crop corn, but one to fill in with on late plantings. It is largely used in the Southwest for planting after oats and wheat.

We do not advise (if grain is wanted) planting until June 1st in the Southeast. Between June 15th and July 1st is better. If planted earlier the tendency is to run largely to stalk and making little grain.

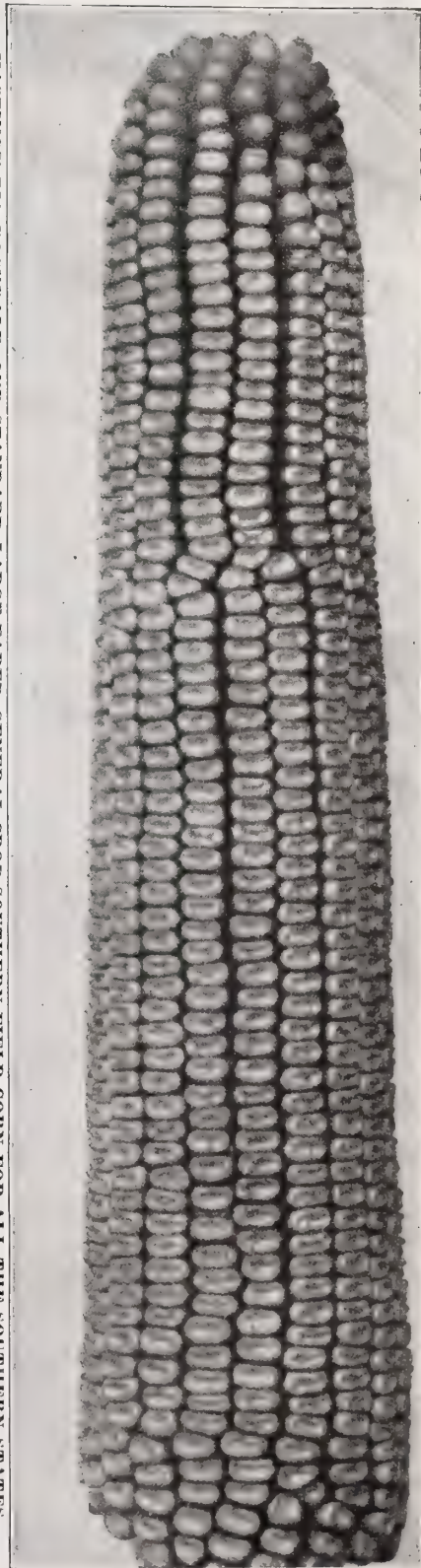
It is a great drought resister and usually, if there is enough moisture to sprout the seed, a crop is assured. If wanted mostly for forage or ensilage plant in April or May. Early planting makes stalks 12 to 15 feet high, leaves 4 to 6 feet long.

Ears 8 to 9 inches long, grains short to medium, cobs medium in size, and while usually white, red cobs are often found. Ears have mostly white grains, but dark blue and red grains often appear, sometimes only one to three to the ear. This apparent mixture of color is peculiar to many varieties of Mexican corn.

Mexican June also makes fine "roasting" ears for use right up to frost. Packet, 10 cents; pound, 30 cents; 2 pounds, 45 cents; postpaid, Not prepaid: 14 pounds (peck), \$1.00; 56 pounds (bushel), \$3.50.

NOTE! For Sweet Corn, Pop Corn and Roasting Ear Corn, see Page 21.

HASTINGS' BIG ROCKDALE, OUR STANDARD LARGE-EARED GENERAL CROP SOUTHERN FIELD CORN FOR ALL THE SOUTHERN STATES



OUR "BANK ACCOUNT" COTTON

OUR EARLIEST EXTRA EARLY, EXTRA PROLIFIC COTTON

This was the fourth distinct variety of cotton introduced by us, and in all respects for an extra early cotton it is the best. The result of fourteen years' close breeding and selection for an extra early prolific type. The illustration on the next page, reproduced from a photograph of a single stalk, shows what "Bank Account" does under good cultivation.

"Bank Account" is not a chance variety. It has been bred with a distinct purpose in view. We wanted the earliest cotton we could get; a prolific cotton that would come up in yield to the later sorts, be reasonably storm-proof and produce a quality of lint that would sell at top-of-the-market prices. It's an absolutely safe variety of cotton for boll weevil and short growing season districts where quick growth and maturity count above all else. It's the safe extra early variety of cotton to plant. It has deep rooting characteristics that enable it to resist drought remarkably well for an early cotton.

It's our honest and candid opinion that our improved "Bank Account" is the best extra early cotton ever offered.

A COTTON FOR BOLL WEEVIL SECTIONS

Gets Ahead of the Boll Weevil

Our "Bank Account" is the cotton to get ahead of the boll weevil. It makes a good crop before the boll weevil has a chance to get in his work, and for this reason the "Bank Account" cotton is worth millions upon millions of dollars to the cotton growers in boll weevil sections. Every year the weevil moves North. If you are already in a boll weevil section you need this variety. It opens earlier than other extra earlys, and it doesn't blow out or drop out as quickly. It's a heavier bearer and makes better and longer lint. It roots deeply, resisting both drought and storms. It branches well and has light open foliage, letting in the sun perfectly to all parts of the plant. It doesn't have dense shade for Mr. Boll Weevil to hide away in. This gets you in ahead of the boll weevil in boll weevil sections, and in any section it enables you to market long before any other variety is ready. You must plant the earliest possible cotton and work it well to get ahead of the weevil.

An All-Purpose Cotton

It has been truthfully said that there is no one variety of cotton best for all sections, all lands and all seasons, but our "Bank Account" cotton will come nearer being an all-purpose cotton for all sections than anything we have ever seen. We have tried it under all sorts of soil conditions from Middle Georgia to the Tennessee line, in uplands and in bottoms, and it has "made good" everywhere it has been planted. It possesses a vigor that enables it to go on and make a fair crop when other varieties have died out completely from droughts. It is an easy cotton to get a stand and it is a cotton that turns out well. As an average under fair conditions it has turned out for us about forty per cent lint. The bolls are rather tough and even where the weevils try to puncture them it is remarkable how the bolls open up and produce good cotton.

Bale or More Per Acre in the Boll Weevil District

Louisiana has probably suffered more from the boll weevil than any of the other states. Read the following from one of our customers writing to the Southern Ruralist. E. E. Robinson, DeSoto Parish, La., wrote: "Before the boll weevil came our land would yield one-half bale per acre of common cotton. The first year they came we made 2 bales on 15 acres. We quit raising it for two years. Last year we planted 15 acres again, 13 acres in big boll cotton, from which we gathered four bales; 2 acres in 'New Bank Account' Cotton which we bought from H. G. Hastings Co. We made 2 bales from those 2 acres regardless of Mr. Weevil." That tells the story exactly. Bank Account makes a good crop before the weevil can destroy it. Bank Account fruits faster than boll weevils breed.

A couple years ago we took a list of several hundred buyers of our Bank Account Cotton and asked each buyer to tell us frankly of his experience with this variety. If there was anything wrong with it, we wanted to know from others' experience and we wanted to know just what it was doing in every section of every Southern State as well as on our own farms. From hundreds of reports sent to us after a season of the worst rains imaginable and boll weevils rampant, 94% of this list sending in experiences with "Bank Account" were very enthusiastic over the variety and how it helps them make cotton farming pay. 4% of the reporters said they were satisfied with their results from planting "Bank Account" but didn't go into detail regarding their success with it. 1% said it was too early to report and forgot to report later. Two said they were drowned out and didn't replant. One man said it wouldn't do.

Frankly, we were surprised at these reports. We had no idea that 94% of our customers planting this cotton would say, and especially after a generally bad season, that it was the "best cotton I ever saw", "it beats all others", "I have by far the best cotton in this section", "My neighbors all want seed", etc. We didn't expect 98% would be thoroughly satisfied with results. We thought more than one man would say that "it wouldn't do", for so many things enter into the success of a crop that we dislike to make extravagant claims for anything we sell, no matter how well it has done for us. All these generally satisfactory results obtained in every section of every cotton growing State make us believe in "Bank Account" mighty firmly, however, and that is why we recommend it to you. We have faith in it because we have grown it for many years on the Hastings' Plantations and have watched it all over the South in comparison with other varieties. We believe likewise that it will be profitable for you to plant.

Changing Cotton Seed This Year?

Thousands of cotton growers will want to "change seed" this year. The boll weevil has made a tremendous advance since last spring, and many of our customers have found that the old variety of cotton that they have been growing successfully, will not do under weevil conditions. They realize that they must have a quicker fruiting, earlier fruiting variety.

Last year, in our Atlanta section, and over most of Georgia and South Carolina, the boll weevil hit us very heavily. Whole fields were devastated and there was almost a "give up" spirit among the cotton farmers. From our observations and from reports, our Bank Account Cotton stood this trying test by far better than other varieties. Farms around the Hastings' Plantation with other varieties didn't make enough to try to pick. On one field we only found two bolls in the ten-acre patch, while on Hastings' "Bank Account" fields almost an average crop was made.

Bank Account Cotton, of our improved type, does not fruit all at once and then quit, as some extra early varieties do; it begins fruiting low on the plant, and keeps growing and fruiting throughout its period of growth. Anyone who has had experience in growing cotton under weevil conditions knows that this is a mighty important thing. Early in the season, when the weevils are scarce, every day that the cotton is fruiting and putting on squares, it is gaining that much on the weevil, and if it has been properly fertilized and is worked right, it gets a good crop on the plant before the weevil catches up with it and begins taking all squares as soon as they show up, which is what happens late in the summer, from early August on.

We believe fully that farmers throughout the middle South can make cotton under weevil conditions, if they go at it right. One of the "rightest" things you can do is to plant our Bank Account Cotton, of this improved type that we are offering this year. It certainly will pay you to change your seed. You may have a good cotton, and you may hate to give it up, and you may decide to risk it one more year anyhow. All right, you can take the chance if you wish to, but remember, the boll weevil is no respecter of your opinion, and if your pet cotton fits in exactly with his needs, he will take your crop and not even say thank you.

Therefore, we want to say most earnestly to our friends and customers, from our own experience, plant our improved type of Bank Account Cotton, if you are in boll weevil territory now, or think that you will be during the summer of this year.

A HIGH PERCENT LINTING COTTON

Fourteen years is a pretty fair test on what cotton will do. Every year its heavy per cent of lint is a surprise to those who plant it. In the fourteen years we grew it, the test crops have never averaged less than 40 and two years as high as 43 per cent of lint.

For Cold Bottom Lands

There are hundreds of thousands of acres of cold bottom lands that are risky to plant in cotton. Plantings on this sort of land are necessarily late and much of the time the crop is lost because the bolls won't open. "Bank Account" cotton is just the right variety to make a perfectly safe crop on bottom lands. Its naturally open growth and light foliage lets the sun in and the cotton opens just as well as others do on the uplands. We had a field planted on cold bottom land in North Georgia. It made a fine crop from May 26th planting and killing frost on October 13th, and it opened perfectly.

PRICES "Bank Account" Cotton: Pound, postpaid, 35 cents; 3 pounds, postpaid, \$1.00. Not prepaid: 10 pounds, \$1.00; 30 pounds (Georgia legal bushel), \$2.75; one hundred pounds, \$8.50; 10 bushels or over, \$2.50 per bushel.

1923 AND COTTON PRICES

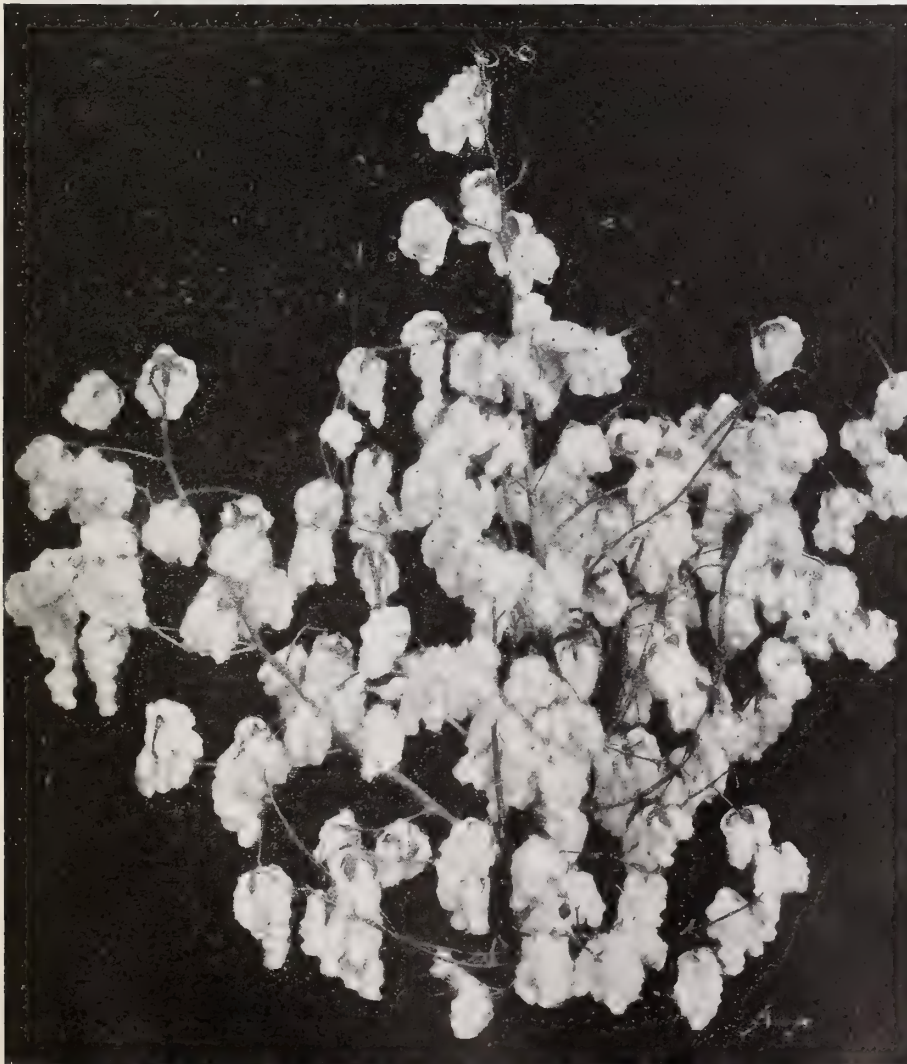
Practically the whole Cotton Belt is now boll weevil infested. The last two or three years have left many Georgia and Carolina farmers in bad shape because they haven't used their good judgment and because they paid little or no attention to what experts have been "preaching" for several years. Last year and the year before there were many "get together" meetings where the town merchants and bankers as well as the farmers met, discussed various farm and market conditions, got county, state and government agents to advise them. While these meetings were fine they were much like a criminal pleading for mercy after he had committed his crime. If a farmer doesn't keep up with the times and present conditions, he doesn't deserve success any more than a man in any other business.

Cotton growing is our big Southern problem. The past two years have seen short crops. The hold-over from 1920 held down the price last year but this year the demand is greater than the supply and the price is up to a good paying basis. Those who

deserved success by growing good cotton in spite of a little insect are reaping handsome returns. This year should bring mighty good prices for cotton next fall even with a good sized crop. Co-operative associations are helping a great deal in marketing cotton properly and farmers can grow good cotton crops for these high prices successfully. Here's the open secret, time-tried and successful throughout the boll weevil infested areas and just as easy in Georgia as in Alabama, Mississippi and other cotton states.

Prepare cotton land thoroughly, fall plowing is very important, fertilize or manure as heavily as you can afford, plant early the best extra early prolific cotton seed you can buy, limit your average, cultivate frequently and top dress to mature the crop as quickly as possible. With "Bank Account" Cotton you can make a normal crop with these methods before the weevil gets a full start. Then by using Calcium Arsenate according to Government recommendations you can have a real crop of cotton and get a fine price for it.

CLEVELAND BIG BOLL COTTON



A standard and popular early Big Boll Cotton. It makes a medium sized stalk but is sturdy and limbs are strong enough to hold the heavyweight bolls without breaking. Foliage rather light for a big boll cotton and the many large size bolls open up quickly and early, getting ahead of the boll weevil.

The lint is of good length and is heavy and strong in texture with a turn-out of 36 to 38 per cent lint. You won't lose any of this cotton by early frosts because it "makes" early and quickly. It is hardy, roots deeply and has proved a good drought resisting variety.

The cotton farmer who lives up to his opportunities must plant well grown seed of well bred varieties not only of cotton, but corn and every other field crop. Right seed means better and surer crops and more money in pocket.

Many sections of the Southeast plant the Cleveland Big Boll almost exclusively and wherever it is planted it seems to have given general satisfaction.

One thing is certain and that is the Cleveland can be planted further north in the Cotton Belt than most of the big boll sorts with certainty of full maturity of the crop and a very high-grade product for the market. It is a standard variety to be planted with confidence.

Prices Pound, postpaid, 35 cents; 3 lbs., \$1.00. Not prepaid: 10 lbs., \$1.00; 30 lbs. (Georgia legal bushel), \$2.50; 100 pounds, \$8.00; 10 bushels or over, \$2.25 per bushel.

KINGS EXTRA EARLY COTTON

A standard early variety of small balled cotton extensively grown in the short season districts of the Cotton Belt and especially in North Carolina. Its value is in its quick maturity and prolificness. Bolls are small, make their growth in short time and open thickly. Unless picked promptly is apt to blow out. Lints from 33 to 35 per cent. Not advised for planting west of the Mississippi river. Kings Extra Early Cotton is similar to Bank Account, a little later and not so heavy a bearer, but is a fine anti-boll weevil cotton that will fruit early and keep on fruiting until the last of the season. It is, like Bank Account, desirable for the more northern parts of the Cotton Belt and cold bottom lands, and particularly good where boll weevils will take the big-bolled varieties. It "makes" in a hurry. Pound, 35c; 3 lbs., \$1.00; postpaid, Not prepaid: 10 lbs., \$1.00; 30 lbs., \$2.50; 100 lbs., \$8.00; 10 bushels or over, \$2.25 per bushel.

HASTINGS' MUNG BEANS



Mung Beans—Waist High and Still Growing. Planted in $3\frac{1}{2}$ Foot Rows on Badly Worn Cotton Land

A SUCCESS ALL OVER THE SOUTH—BEATS THE MEXICAN BEAN BEETLE

You may remember that after thoroughly trying, testing and experimenting with different strains and types of Mung Beans from India and China for seven years, in 1921 we introduced and offered the Hastings' Mung Bean to our customers for the first time. The first year offered was the big "slump" year, 1921, and yet over 18,000 of our customers bought "5-ounce packages" at 75 cents each. It took us seven years of careful growing and selecting to offer even these small packages of seed and the cost to us was much more than we charged but we were very anxious to get this wonderful crop started in America because it is needed especially on every single Southern farm.

Here's why you need Hastings' Mung Beans. They are better than Soy Beans, Cowpeas, Velvet Beans or any other legume crop for your land. They make superior hay and forage and good grain. They get a good stand in weather and conditions that would be deadly to Soy Beans or Cowpeas. They cure for hay quickly and easily, grow upright and are easily cut or mowed and hold their foliage so you can gather the seed grain and then cut for hay.

Mung Beans are better than other legumes all around but here are a couple things that we want to call particularly to your attention. Wilt has made it impossible to grow cowpeas in some sections of the South. Mung Beans on the worst wilt infested land that we could find, where it is impossible to grow cowpeas at all, made a fine crop and not a single Mung Bean plant showed any signs of wilt at all. The Georgia Experiment Station, right in wilt infested territory, made tests on Mung Beans for wilt in 1922 also.

But, how about the Mexican Bean Beetle, that ate up \$100,000,000 worth of crops in 1921 and probably a great deal more in 1922—the Bean Beetle that is hitting the South and eating up most everything in sight wherever they are present. This Bean Beetle, the U. S. Dept. of Agriculture reports, threatens to become more serious than the Boll Weevil, the Gypsy Moth, the

Hessian Fly or the European Corn Borer. Large sections of Alabama, North Georgia, Tennessee and other Southern states are in very bad shape from this new pest and it is spreading rapidly. What are we going to do? Are we going to wait until it takes everything we've got like we did with the boll weevil before we do anything? Here are the crops that the Mexican Bean Beetle eats and destroys in order of their preference: All varieties of garden beans, lima or butter beans, pinto beans, navy beans, beggarweed, cowpeas, Jack beans, soy or soja beans, adzuki beans, sweet clover, alfalfa and then velvet beans, kudzu, corn, grasses, okra, eggplant and squash—**But—The Bean Beetle does not bother, eat or destroy Hastings' Mung Beans.** The Bean Beetle leaves Mung Beans alone. Does that mean anything to you? Here is the secret—Plant Mung Beans.

The Alabama Experiment Station found Hastings' Mung Beans were not bothered while soy beans, cowpeas, etc., were eaten up by the Bean Beetle. The same thing was found by the University of Tennessee Division of Extension. The U. S. Bureau of Entomology stations at Thomasville, Georgia, and Birmingham, Alabama, as well as stations in Colorado and Western states where the beetle has been terrible can tell you what a serious proposition this beetle has been to them. Take a little advice before this beetle eats everything you've got. Plant Hastings' Mung Beans, the wonderful new crop that is not bothered by the Bean Beetle and is better in every way than cowpeas, soy beans and velvet beans anyway. You know what the boll weevil did on one single crop—cotton. Here comes the Bean Beetle that takes most everything and here also is a crop that resists the Beetle. Mung Beans are much cheaper to plant than cowpeas, soy beans or velvet beans. You will agree that about \$1.50 an acre is a mighty cheap seed cost; especially for a new crop and particularly for the greatest hay and forage crop and soil improver that has ever been planted in the South. That is our honest opinion. By all means, get your start of Hastings' Mung Beans this year. You need them now.

ON EVERY FARM AT ONCE

Get your start of this wonderful new crop, by all means, this year. "Acre (4-lb.) Package", \$1.50; postpaid. See Prices Below.

WONDERFUL SOIL BUILDING CROP—PLANT AN ACRE BY ALL MEANS

Do Mung Beans help the land? You bet your life they do. The roots are crowded with nodules, and if you want a crop to turn under for soil improvement, you can't find one that will beat it.

How about making hay? The plants grow and stay straight up, unless they have been planted on rich bottom land, in which case they would probably lodge a good deal. Ordinarily they grow from 3 to 5 feet high, with no vines to tangle and choke the mower. They are easily cut, cure out easily and make hay that any stock will eat up clean. We believe there is less waste to Mung Beans hay than there is to first class peavine hay and that stock prefer it.

Another thing, you can gather your crop of Mung Bean seed after it is ripe, and the plants will keep their leaves and stand for at least two weeks before being cut for hay without losing their foliage. Cut and cure the hay just as you would Cowpeas.

What are the beans good for? They are good to eat, make the finest chicken feed you ever saw, your neighbors will want to buy a lot of them for planting after they have seen your crop, and you will want to use a lot of them yourself for the same purpose. The yield of seed will run from 500 to 1,000 pounds per acre.

When it comes to getting a stand, Mung Beans will beat anything except crab grass and cockle burrs. If the ground has moisture enough to bring up the seed, it will come up so quick that you will hardly believe your eyesight. If you plant in dry dusty soil, a few beans will come up; the rest will wait for a shower, and when it comes, you will be surprised to see the number of beans that will come, and when you get a real rain, all the balance will show up and the whole stand will grow off together and mature at practically the same date.

Mung Beans will come up to a stand under conditions of soil and weather that would be deadly to Soy Beans or Cowpeas.

How much seed to plant? Use 3 to 5 pounds per acre in $3\frac{1}{2}$ foot rows, planting the same distance apart as Speckled Peas. You can plant with a Sorghum plate in a seed drill. Planted thicker makes tall plants; thinner makes bunchier plants with more seeds.

Time to plant? For hay or turning under plant in May for middle cotton belt latitude. Planted in June or early July, it makes a smaller plant but heavier seeder. It matures in 90 to 120 days, depending on time planted and weather conditions; earlier plantings take longer to mature.

What kind of land? Mung Beans do well on any land that will grow a crop of corn, cotton, soy bean, velvet bean, cowpea or sorghum—from sandy to heavy clay soils. On moist bottom land they make enormous growth but are hard to mow; the chief value is for uplands. Use any kind of fertilizer that you have: 200 lbs. of corn or cotton guano per acre in the drill is what we use, stable manure is excellent and plain acid gives good results. You won't need any fertilizer on good land.

How to save seed? We pick ours by hand. Soy bean gatherer will do. The beans grow mostly at the top of plants and are ready to pick when most of the pods are dark brown or black. A man can pick as many pounds in the pod as he can cotton. Seed shatters out if left too long.

Can I get a Mung Bean crop off in time to plant Fall grain on the same land? You sure can. We have grown crops of Mung Beans, picked the seed, cut and cured the hay, and had the land harrowed and planted in Oats by October 6th.

PRICE ON MUNG BEANS—4 Pounds (To Plant One Acre). \$1.50; 1 Pound (Over 16,000 Seeds), 50 cents; Postpaid. Not Prepaid: Ten-pound lots or over, 25 cents per pound.

Note! Ask for our Hastings' Mung Bean Circular. It tells more about this "Wonderful New Crop". Cultures on Page 95.



Mung Beans—Note Upright Growth and Prolific Qualities



Mung Beans in Corn—Hastings' Plantation

SOY OR SOJA BEANS

Soya Beans grow splendidly anywhere in the South; are equal to if not superior to the cowpeas as a soil improver; when sown in rows and cultivated, make heavier yields per acre and are superior to the cowpeas in feeding value. They are most nutritious and contain more fattening qualities than any other crop. Soy Beans make a good pasture for all kinds of stock, perhaps the most profitable being for hogs, supplementing the grain ration. This is especially desirable when harvesting is held up by bad weather, lack of labor, and when the crop is grown for soil improvement. Soy beans can be included in many crop rotation plans, their cash value encouraging the growing of the beans as one of the main crops. They make a well balanced ration with crops such as cowpeas and Sudan grass; they make a large yield and fine forage for all kinds of stock. The large yield of seed, the ease of harvesting it and the increasing demands for Soy Beans for food and for the production of oil and meal by cottonseed oil mills make Soy Beans a worth-while crop to grow. Mixed with corn, the Soy Bean is excellent for ensilage and from 1 to 4 tons of hay are made per acre. Sow at the time you would plant corn. Broadcast, like cowpeas, at rate of 60 to 90 pounds per acre or in drills $3\frac{1}{2}$ to 4 feet apart plant 30 pounds per acre. When the pods are well formed is time to cut the crop for hay; for the beans you should wait until the beans are mature.

Mammoth Yellow Soja Beans There are many varieties of the Japanese Soja Bean, but the (No. 600) Mammoth Yellow is the best, the strongest grower and heaviest yielder in the South. Packet, 10 cents; pound, 25c; 2 pounds, 45c; postpaid. Ten-pound lots or over, not prepaid, about 7c per pound. Write for quantity prices.

O-Too-Tan Soja Beans (No. 601) This new Hawaiian Soja Bean for the South, is what you might call a world beater as a soil improver and hay crop. We have watched this wonderful new crop on the Hastings' Plantation with great interest. It's a wonder for putting on nitrogen nodules, from the time the second pair of leaves is formed until frost, and the root system full of nodules or soil bacteria will make a mat or net-work through the middles of the rows as well as in the rows to enrich your land. The heavy leaf growth is equal in feeding value to the best grade alfalfa and all kinds of stock are very fond of it.

It has made six tons of dry hay per acre in three-foot rows, dropping seed 8 to 10 inches apart. For a bean crop, drop seeds 10 to 12 inches apart in rows, where it makes 20 to 40 bushels per acre. For growing in corn you will be surprised at its great value. It is of bush form and will not climb the corn; in fact it helps the corn and improves your land as well. Planted carefully, 3 pounds of seed will plant an acre in corn; use 5 to 6 pounds per acre in 3-foot rows. Postpaid, 50 cents per pound. Not prepaid: 15 pounds (peck), about \$3.00; 60 pounds (bushel), about \$10.00. Write for prices. These prices subject to change without notice.

Biloxi Soja Beans

(No. 602) This is also a new Soja Bean of very rank growth, a heavy yielder of grain and not easily shattered in harvesting. For grazing, for hogging down with corn and for soiling it is unexcelled. This legume grows on any type of soil in the Cotton Belt, grows normally 5 to 6 feet high and its roots are a mass of nitrogen nodules, many of them as large as marbles. Beans are slightly larger than Mammoth Yellows and run higher in protein and oil content than either O-Too-Tans or Mammoth Yellows, with velvet beans and cowpeas simply out of the running. It is a bean for forage or to plant with corn or sorghum for silage. It is a great orchard cover crop, the bean for the oil mill and a splendid soil builder. Postpaid, 40 cents per pound. Not prepaid: 15 pounds (peck), about \$1.50; 60 pounds (bushel), about \$5.00. Write for prices. These prices subject to change without notice.

Laredo Soja Beans (No. 603) Trials on the Hastings' Plantation show that this new Bean has many very desirable characteristics. A few growers who know the Laredo claim it is better than O-Too-Tan for hay, forage and for beans. We have not tried it thoroughly enough over different kinds of seasons to fully recommend it yet but we supply seed on special quotations. Pound, 50 cents; postpaid. Write for prices.

CHUFAS OR EARTH ALMONDS (No. 617)

The Chufa is a species of ground nut, most easily grown, and which ought to be on every Southern farm every year as a hog-fattening crop. Can be planted from April to June; cultivation the same as for bunch peanuts. The crop is usually matured by September 15, and can be left in the ground until time to turn the hogs in, the hogs doing the harvesting.

Chufas are highly recommended by the Experiment Stations of Alabama, Florida, Arkansas and Louisiana. We know of no crop that will produce as heavy crops in proportion to the quality of land as Chufas, some reports of yield being almost incredible, ranging from 200 to 1000 bushels per acre. Any land suitable for cotton, corn, potatoes or peanuts will make profitable crops of Chufas.

At the Arkansas Experiment Station one-third of an acre of Chufas supported three hogs, averaging 122 pounds each, for 46 days. The gain during the 46 days averaged 66 pounds per hog. In this test Chufas proved practically as good as dry corn for fattening purposes. In the Alabama Station test the yield of Chufas was 172 bushels per acre. Chickens and turkeys as well as hogs are very fond of them.

Make rows $2\frac{1}{2}$ to 3 feet apart, dropping seed about one foot apart in the row, and covering about 2 inches. Chufas require from 1 to $1\frac{1}{2}$ pecks per acre. We advise early orders, for almost every year we have to refuse late-in-the-season orders. Packet, 10 cents; pound, 35 cents; postpaid. Write for quantity prices when ready to buy. Full result of the Chufa crop is seldom known until very late in the season as it is a slow crop to harvest, clean and thoroughly dry for seed purposes. Prices will be about \$1.75 a peck; \$6.00 a bushel.



Mammoth Yellow Soja Beans on Hastings' Farm



Chufas or Earth Almonds for Hogs

Early Velvet Beans

The South's Soil Salvation

No man or woman ever needed salvation in the religious sense any more than the average cotton growing soils of the South need salvation in the physical or land building sense. We say this in all reverence and without disrespect to the Creator of all things.

A piece of virgin land, deep and rich with vegetable matter and plant food, is just as much a part of God's work as you are and should be treated as such instead of robbed and squandered as we and our ancestors have been doing.

The washed out hill lands of the upper Cotton Belt and the sandy lands of the lower belt all need, and need badly, soil salvation. It is up to you and to us to bring this salvation to them in the shape of these crops turned under. Cowpeas are good, but Velvet Beans are far better because they make far more growth.

The middle and northern part of the Cotton Belt were largely denied the use of the Velvet Bean until the origination and distribution of the early and extra early varieties that reach full or nearly full maturity even in the most northern part of our section. Every year sees hundreds of thousands of new Velvet Bean acres added to the South's total acreage.

With the spread of the planting, Velvet Bean Meal mills have sprung up in Georgia, Alabama and Mississippi and Velvet Bean Meal is successfully competing in the markets as a competitor of Cottonseed Meal as a dairy and live stock feed.

Every acre of Velvet Beans planted means first of all, soil improvement; second, a crop of beans that has a cash value for market or of still greater value to be fed the stock at home.

Plant Velvet Beans in Corn

Every acre of upland or second bottom corn in the Cotton Belt ought to be planted in Velvet Beans at rate of about one peck (15 lbs.) per acre. This plan means more forage than cowpeas will make, plus six to ten bushels of beans, without decreasing the usual yield of corn. We do not advise planting in bottom land corn. The growth on bottom land would be so heavy as to break down the corn.

South of a line drawn east and west through Macon, Georgia, Montgomery, Alabama, and Jackson, Mississippi, plant the beans between the stalks of corn (2 beans to each place) about one month after corn planting. North of that line plant at the same time with the corn. Our experiments at the Hastings Farm have clearly demonstrated to us that in the northern half of the Cotton Belt the beans should be planted in the rows at corn planting time instead of later if best results are wanted from the crop.

On the Hastings' Plantation we plant the Bush Velvets in rows between 7-foot corn rows, the same as Mung Beans in corn. The Bush Velvets don't run on the corn and we have been especially well pleased with them. They can be easily cut and cured for hay and the grain yield equals the Early Velvet. Plant some of these Bush Velvets this year and we believe you will add greatly to your acreage in the future.

Extra Early Velvet Bean (No. 605) Our illustration from a photograph shows clusters of the Early Velvet grown in Middle Georgia where the seed matured perfectly in four months. It has the strong growing characteristics of the old variety, a crop of which turned under was estimated to do the land more good than a ton of average guano per acre. Extra Early Velvet is the one best variety for the middle and northern section of the Cotton Belt, gathering nitrogen from the air like cowpeas, making two or three times as much growth and pods and adding a supply of vegetable matter to your soil that will show for years to come in your crops. Plant in rows 4 to 5 feet apart, dropping 2 seeds every 12 to 15 inches. Cultivate once or twice and then let them alone. They will take care of themselves and everything else on the land. **Packet, 10 cents; pound, 25c; 2 lbs., 45c; postpaid. Not prepaid: 15 lbs. (pk.), 75c; 60 lbs. (bu.), \$2.50.**

Bush Velvet Beans (No. 607)

Bush or Bunch Velvet can be planted in rows or in corn anywhere the Extra Early can be grown. It grows 2 to 3 feet high, spreading from 2 to 6 feet, depending on soil. It matures about the same as the Extra Early, yields about the same per acre in beans and makes fine hay. It will not climb or run and is a great soil improver. The Bush Velvet is fast coming into popularity and its ease of handling compared with the running type makes it particularly desirable. It is our experience that farmers who have once planted this Bush Velvet will plant it on all their Velvet Bean acreage. Try it this year along with the Extra Early. We are sure you will be much more than pleased. **Packet, 10c; pound, 30c; 2 pounds, 50c; postpaid. Not prepaid: 15 lbs. (pk.), \$1.00; 60 lbs. (bu.), \$3.50. Write for prices when ready.**



Bush Velvet Beans

EXTRA EARLY VELVET BEANS



QUANTITY PRICES

Write for special prices on quantity lots when ready to buy. Velvet Beans are subject to market changes. We will give you our very best prices.

FOR YOUR LAND'S SAKE PLANT HASTINGS' COWPEAS

A farmer's acres and their fertility and crop producing power is just as much the farmer's capital as is the machinery and buildings of the manufacturer; as is the stock of goods on the merchant's shelves. You can no more afford to let the fertility of your acres run down than the manufacturer can afford to let his machinery wear out or run down, or the merchant get out of staple goods. To succeed you must keep up to par or increase.

For your land's sake plant plenty of cowpeas this year. They will help the land and furnish plenty of roughage and grain for cattle and hogs. Growing Cowpeas and Velvet Beans is almost like putting money to your credit in the bank. **Soil Bacteria Cultures** are on Page 95. If you are in **Wilt Infested Territory** or cannot grow Cowpeas because of the Mexican Bean Beetle, plant Mung Beans. See Page 86.

Clay Peas (No. 345) The Clay has long been a standard cowpea in the South. Medium late variety of running habit and vigorous growth of vine, giving a good forage crop. The leaves do not shed as many varieties do in curing and the pods ripen very uniformly. For forage, peas, and a soil builder, you will be pleased with Clay. **Packet, 10 cents; pound, 25 cents; 2 pounds (a little over one quart), 45 cents; postpaid. Write for quantity prices.**

Brabham (No. 336) One of the best and most productive in growth and yield of shelled peas. Upright in growth and retains foliage exceptionally well in curing. Resists disease and is very vigorous and productive. Does best on light soils. **Packet, 10 cents; pound, 25 cents; 2 pounds (a little over one quart), 45 cents; postpaid. Write for quantity prices.**

Whippoorwill (No. 343) The standard early bush or bunch variety for early crop, for planting broadcast after oats or other grain crops and in the rows between corn rows. This variety can be grown further north than other sorts and is being largely planted for soil improvement as far north as Indiana, Illinois and Ohio. Seeds, brown speckled and rather small. **Packet, 10 cents; pound, 25 cents; 2 pounds (a little over one quart), 45 cents; postpaid. Write for quantity prices.**

Unknown or Wonderful (No. 342) So far as possible we keep in stock, during the spring months, supplies of the above varieties, as well as many others not listed, the supply of which are more or less uncertain in some seasons. When ready to buy in bushel lots or over write for prices, stating variety and quantity wanted. **Each: Packet, 10 cents; pound, 25 cents; 2 pounds, 45 cents; postpaid.**

Large Black-eye (No. 340) The standard large black-eye table pea. Good either as "snaps" or shelled. **Packet, 10 cents; pound, 30 cents; 2 pounds, 50 cents; postpaid. Write for quantity prices.**

Lady Peas (No. 341) Very small seeded but strong growing and prolific pea for table use. Peas are creamy white and of the finest quality. **Packet, 10 cents; pound, 40 cents; postpaid.**

SUGAR CROWDER PEAS (No. 348) FOR TABLE USE

Not only one of the earliest to mature but one of the most prolific and best flavored table peas. Excellent to use for forage crop and soil-improver with its large growth of vines. These delicious and heavy bearing Sugar Crowders were grown on the Hastings' Plantation and you may be sure that they are the finest on the market; the best field pea of them all for eating purposes. We have had great difficulty in getting good Crowder Peas in the past. We, therefore, started growing them on our own Plantation in 1921 but the great demand took all we grew, except our specially selected planting stock for 1922, long before planting time last spring. We increased our acreage last summer and hope to have enough to supply all small quantity orders this spring. They are the finest of table peas. Send in your order early and try some this year. **Packet, 10 cents; pound, 40 cents; 2 pounds, 70 cents; postpaid.**

Write For Prices On Peas

At the time this catalogue goes to the printer it is impossible to make close prices on cowpeas in quantity for sale in spring and early summer. When ready to buy, write for close market prices, stating quantity and varieties needed. We will give you our best prices, and freight rate to your station.

Jerusalem Artichoke THE GREATEST HOG FEED

(No. 4) The Southern farmer who grows hogs and does not grow Jerusalem Artichokes is neglecting a most important hog-food crop. It is a most valuable food for hogs, fattening them quickly, and it is said by many hog raisers that a hog fed on artichokes has never been known to have cholera. They are fully adapted to Southern plantings, growing and increasing through the entire season. They are grown from tubers, the same as Irish potatoes.



Sugar Crowder Peas

It requires 300 pounds to plant an acre. On very rich land they have produced nearly 1,000 bushels per acre. Turn the hogs into the field and they will harvest them. Plant in March and April in rows 3 feet apart, dropping seed every 2 feet in the row. Let grow until fall. Hogs will be delighted to harvest them all through the winter. **Pound, postpaid, 25 cents; 3 pounds, 70 cents. Not prepaid: 10 pounds, 75 cents; 50-pound lots (bushel) and upwards, 6 cents per pound. Write for large quantity prices.**

NO BEAN BEETLES ON MUNG BEANS

This terrible new pest and crop devastator spreading so rapidly over the South is death to snap and butter beans, cowpeas and also feeds on corn, alfalfa, sweet clover, soy and velvet beans and other crops. They don't touch Mung Beans and neither does Wilt bother Mungs. See Page 86.



Tuber of Jerusalem Artichoke

Plant Plenty of Peanuts

The peanut as a "cash" crop and as a feeding and fattening crop is coming into its own. In many parts of the South it has long been looked on as desirable to have a small peanut patch for the hogs to run on for fattening and possibly a few over for the children to "parch". Now the peanut has become a full man-sized crop with hundreds of thousands of acres under cultivation both for hog feeding and in many sections for sale direct to oil mills for the manufacture of peanut oil and meal.

Peanuts ought to be a regular crop on every Southern farm that has sandy, light clay or loose loam soils. Every part of the crop is of use. The tops make splendid hay or forage, the nuts are valuable either for feed or for sale to the oil mills, most of which will contract in advance for your crop. You can trade with them and get back the meal for feed just as you would trade cotton seed for cottonseed meal.

Last, but not least, the peanut is one of the leguminous plants that draw that most costly element of plant food, nitrogen, from the air, depositing it in your soil for the use of future crops.

The peanut as a real crop has come to the Cotton Belt to stay. If you fail to plant peanuts plentifully it's your loss. The Spanish Peanut is early and a heavy bearer. In Florida and along the Gulf Coast where it can be planted as early as April and as late as July 15th, two crops can be made. Plant from 1 to 2 bushels per acre, the Spanish or bush sorts thicker or closer than the running varieties.

Just a word. You may desire some of the Improved Valencia such as are offered below. You may not feel able to pay the price for quantity sufficient for your acreage. Send in your order for one or three pounds or more, plant in well prepared ground and grow your seed for large acreage next year.

Improved Valencia Peanut (No. 578) There is a constantly growing demand for a peanut adapted to our section and yet larger in size with a greater number of nuts or kernels than in the generality of varieties planted in the South. The Improved Valencia coming originally from Spain fills the requirements exactly and has proven through several years' test its full adaptability to our growing conditions. A most productive and desirable variety, a distinct improvement in appearance over any variety in general use. Pods are large, close and well filled, containing 3 to 4 nuts or kernels in each pod. Of very mild, sweet, enjoyable flavor. Their handsome appearance makes storekeepers, or any one wanting them for ordinary commercial purposes, buy them on sight. The Valencia is well worth a trial on your farm.

Home Grown Seed, pound, 40 cents; 3 pounds, \$1.00; postpaid. Quantity lots, not prepaid, about 20 cents per pound. Write for quantity prices when ready to buy.

North Carolina Running Peanut (No. 580) Recently there has been an increased planting of the running varieties of peanuts. The best and surest cropper in the Central and Lower South is the "North Carolina". Nuts somewhat larger than the Spanish, easily grown, and nuts fill out nicely with very few "pops" for a running variety. Finest re-cleaned seed stock. Pound, 30 cents; 4 pounds, \$1.00; postpaid. Quantity lots, not prepaid, about 12 cents per pound. Write for our very best prices on amount you want when ready to buy.

Spanish Peanut (No. 581) For a long time has been the best variety for a forage and fattening crop in the South. An early, heavy bearer; bushes growing close, so, very easily cultivated. Grains or nuts are smaller, but much sweeter and finer flavored and much more free from "pops" than the larger sorts. Best re-cleaned seed stock. Pound, 30 cents; 4 pounds, \$1.00; postpaid. Quantity lots, not prepaid, about 12 cents per pound. Write for best prices when ready to buy.



Type of Hastings' Valencia Peanuts

INOCULATE PEANUTS, Cowpeas, Soja Beans, Velvet Beans, Mung Beans, Alfalfa, all Clovers and other legume crops with Farmogerm or Mulford Cultures. See Page 95. These Nitrogen Gathering Bacteria should be sprinkled on all legume crop seed before planting. They make plant food, make bigger crops and leave rich fertility in your soil for the crops to follow. It pays to use them and you need them for best success with legume crops.

DWARF ESSEX RAPE (No. 400)

For spring, fall or winter planting for quick green forage or grazing for hogs and poultry, there is nothing equal to Dwarf Essex Rape. While most largely planted in fall and early winter one or two plantings in the spring should not be passed by. It makes a quick succulent growth that will be liked by all two and four-legged animals on the place. If once used on the table as a substitute for "turnip greens" you will be far more anxious to have a "rape patch" than a "turnip green patch."

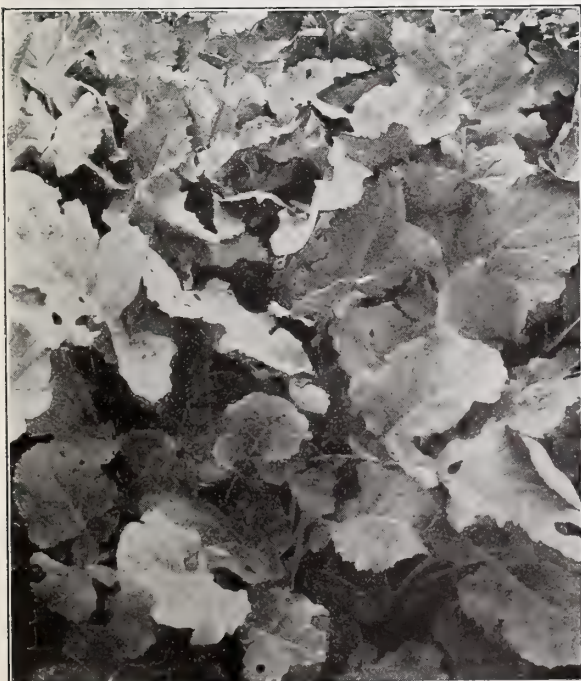
The tops look like rutabagas and growth is similar yet larger. Rape makes no bulbous roots. Can be planted in rows like turnips, 4 pounds per acre, or broadcasted 8 to 10 pounds per acre, covering by a light harrowing. Ready for grazing in 8 to 10 weeks.

Dwarf Essex Rape in its top growth looks very much like rutabaga turnips, but does not form a bulbous root. It can be sown with fine results any month from August to April. According to soil and season, rape grows from 15 to 30 inches high. It is a splendid green feed and forage crop relished by all kinds of stock but is principally planted for hogs and poultry. It makes an exceptionally fine hog pasture, is also excellent for sheep, all sorts of stock eating it greedily, and it puts and keeps them in fine condition. At one of the Experiment Stations an acre of rape was used to pasture 20 hogs for three months in connection with a small grain ration at the same time.

It's valuable not only for pasture but green feeding. It can be grown successfully and profitably on any soil that will make a crop of turnips or rutabagas, and in case your turnip greens or spinach patch runs short, you will find a mess of greens from the rape patch a mighty good substitute on your table.

In Georgia alone there are a million more hogs than a few years ago. Poultry is coming forward by leaps and bounds, many farmers with no cotton or cash crop money being mighty thankful for chicken money and chickens to eat last summer. Hogs and chickens need pasture and rape pasture is excellent, seed planted in early spring or fall.

Packet, 10 cents; pound, 30 cents; postpaid. Not prepaid: 10-pound lots, 16 cents a pound; 100 pounds, about 12 cents per pound. Write for quantity prices when ready to buy.



Plant Dwarf Essex Rape for Feeds and Food



Hastings' Syrup Cane—Dependable Seed

MAKE FORAGE

With the rapidly increasing stock industry in the South and the prosperity coming to the South on account of it, raising more stock feed, and especially forage is paramount.

The South is destined to become a great stock producing section of the country of good, pure-bred stock, and forage must be raised to feed it. Raise more stock, but first, it is only a paying proposition if you grow all the feed necessary for that stock on your own acres. Sorghums are Forage crops for the South.

Hastings' Syrup Cane is a wonderful producer of forage and grain as well as syrup and is very valuable for ensilage. Early Amber, Early Orange and Red Top Sorghums are forage producers of great merit and every farmer in the South with even a single head of stock on his place would do well to raise a plenty to feed his stock.

At the largest stock shows in the country last year, the South showed champions of practically all breeds of cattle and hogs. Big Northern breeders are moving South for our advantages. Live stock has found its natural home in the South. Grow more feed to feed more live stock.

HASTINGS' SYRUP CANE (No. 589)

Origin About 1910 we obtained seed of this Syrup Cane from the far South and since that time we have been selecting this seed by picking out from the best plants the largest and best developed seed heads. During this time we have tested other varieties and found this type of cane better than all other sorts for making syrup. All of this seed is grown on our own Plantation.

Maturity It is two weeks later than Amber or Orange and makes a larger stalk and fully more than $\frac{1}{2}$ more fodder than either Amber or Orange Cane. Therefore, it is especially recommended for silos.

Culture Plant this cane seed on rich land during April or May in drills (4-foot rows) at the rate of 12 to 15 pounds per acre. Cultivate like corn and chop out like cotton, leaving plants about 10 to 12 inches apart in the row. One seed will stool out and produce three to five stalks, usually growing from 10 to 12 feet tall, and under favorable conditions this variety will usually produce from 30 to 50 bushels of seed per acre and 125 to 200 gallons of syrup per acre, which is usually of a fine flavor and always sells well. It is best to cut for making syrup just before the seeds ripen, as the plants have more saccharine at that state of development, but if you desire to save seed, let the plant mature and cut when it is fully ripe. The seed heads should be cut and cured in the field. This variety of sorghum produces an abundance of splendid fodder. Some of the larger syrup makers do not pull the fodder, but run the stalk and fodder through a cane crusher, thereby saving labor. This method of crushing the cane may cause the syrup to be a little darker in color than if the fodder is pulled. Seed should not be run through crusher after they ripen.

Recommendation It is our opinion that this new introduction, Hastings' Syrup Cane is the best syrup cane that can be grown. It is an All-purpose Sorghum Cane, recommended in the highest for syrup, silage, fodder and seed. Orange, Amber and Red Top Sorghum are not good for syrup making and it is our experience that Texas Seeded Ribbon Cane cannot always be depended on for purity. Hastings' Syrup Cane is somewhat similar to the Seeded Ribbon Cane but can be depended upon and is a vastly better cane for all its purposes all the way through. Hastings' Syrup Cane is a real syrup maker and we are doing the South a great service in offering dependable seed of this much needed crop this year. It is a valuable crop for us on the Hastings' Plantation for feed, seed and syrup. It will be for you. Five pounds is enough to plant $\frac{1}{4}$ acre; a plenty to give every planter seed to try it out for himself and to get a good start.

Prices It's a real, dependable syrup cane. Pound, 30 cents; 5 pounds for \$1.25; postpaid. Not prepaid: 10-lb. lots, 15 cents per pound; 100-lb. lots 12 cents per pound. Order early and be sure of a good start.

SORGHUM or CANE SEED for FORAGE

Recleaned--Free from Trash and Dirt Every year the sowing of Sorghum in the South for forage and hay crops becomes more general. Can be sown either alone or mixed with cowpeas. Planted in drills, use 8 to 10 pounds per acre, or about a bushel (50 pounds) broadcasted for forage; if sown broadcast with peas use about $\frac{1}{2}$ bushel (25 pounds) with one bushel of peas. It pays to fertilize sorghum heavily, the increased yield more than paying for the fertilizer. Every bushel of sorghum seed we send out is thoroughly recleaned and free from trash, stems and dirt.

Early Amber Sorghum (No. 586) Early Southern variety grown almost exclusively for forage crop either alone or broadcasted with peas. Pound, 25 cents; 5 pounds, \$1.00; postpaid. Ten-pound lots, not prepaid, about 8 cents a pound. Quantity prices subject to market changes. Write us for prices when ready to buy. Not good for syrup.

Early Orange (No. 585) Larger than Amber, maturing ten days later. Pound, 25 cents; 5 pounds, \$1.00; postpaid. Ten-pound lots, not prepaid, about 8 cents a pound. Write for prices. Not good for syrup.

Red Top Sorghum (No. 583) Later, larger growth and better drought resister than Amber and Orange. Growing in favor in the Southeast. Pound, 25 cents; 5 pounds, \$1.00; postpaid. Ten-pound lots, not prepaid, about 8c per pound. Write for prices. Not good for syrup.

GROW MORE FEED TO FEED MORE STOCK



Hastings' Early Amber Sorghum—Showing Character of Growth

FETERITA—A Sure Drought Beater

(No. 588) A fine forage plant for the South, brought from Egypt in 1907. Similar to Kaffir Corn in general habit, but grows a little taller and produces larger heads, standing erect; white seed and early maturity. Its greatest value, however, is its great ability to resist drought. In the extreme heat and drought in the Western States several years ago when corn burned up completely and all the varieties of Sorghum and Kaffir Corn largely failed, Feterita came through practically without damage, making a splendid crop of both grain and forage. Feterita generally grows about five feet high, matures a month or more earlier than Kaffir Corn or Milo Maize, and produces larger heads and more grain. It is a good crop to plant after oats or wheat because it is quick in maturing and its grain feed value is nearly as high as corn. For hog feed cut the grain heads in the "dough" although the seed is larger and softer than Kaffir Corn. Sow in rows like Kaffir Corn at rate of 6 to 8 pounds per acre. **Pound, 25c; 5 lbs., \$1.00; postpaid.** In lots of 10 pounds or over, not prepaid, about 10 cents per pound. Write for quantity prices.

Yellow Milo-Maize (No. 584) Great producer of fine forage. Grows 8 to 12 feet high, stooling heavily. Can be cut several times during season. Large seed heads give a crop equal to corn. Plant 10 pounds per acre. **Pound, 25 cents; 5 pounds, \$1.00; postpaid.** In ten-pound lots or over, not prepaid, about 10 cents per pound. Write for prices.

Broom Corn (No. 625) A fine crop for dry-land farming where there is a market for the straw for brooms. It has practically no feed value as neither the plant nor seeds are suitable for feeding purposes. **Pound, 25 cents; 5 pounds, \$1.00; postpaid.** In 10-pound lots or over, not prepaid, about 10 cents per pound. Write for quantity prices.

White (No. 628) and Red Kaffir (No. 627) Corn These two varieties become more valuable every year because of their drought resisting qualities. Grow 4 to 5 feet high, are very stocky and leafy; valuable alike for forage and grain. Plant from March to July, in rows 3 feet apart, drilling seed thinly like sorghum. If wanted for grain, principally, let heads mature on the stalk and then the whole stalk may be cut for fodder after the seed heads have been cut. If wanted for fodder, mainly, cut down the stalks when first seed heads begin to appear, leaving 4 to 5 inches of stubble. From this stubble will spring a second growth, making an excellent crop of forage and a fair crop of grain. Stalks keep green and juicy to the last. For poultry feed and small grain it is unexcelled. Two varieties, the White and Red; the only marked difference that we can see is that of the color of the grains. We can supply either at packet, 10 cents; pound, 25 cents; five pounds, \$1.00; postpaid. In quantity, not prepaid, about 10 cents per pound. Write for our best prices.

NOTE! Remember that there are no better seeds grown anywhere than Hastings' Seeds. Good seeds are always worth whatever you may have to pay for them. Cheap seeds are seldom worth what they cost.



White Kaffir Corn

Chicken Corn or Shallu, White Seeded (No. 630)

In our tests and investigations of the various different plants of grain and forage crops that might prove of value in the South, we discovered what is really a "White Seeded" Chicken Corn. It is more valuable than the old Red Seeded and at the same time it is a much surer-cropper.

We have grown a mighty fine crop of Shallu on the Hastings' Plantation for this spring's sales, and we are sure you will be more than pleased with this selected stock seed. It is worth a great deal to you.

Chicken Corn, Shallu or Egyptian Wheat, is a variety of the sorghum family with extra large loose, bushy heads, covered thickly with small grains. If left standing, the grains drop off in a scattering manner and the chickens gather it. If grown on a larger scale the large, well-filled heads can be cut at maturity and fed to the poultry as desired.

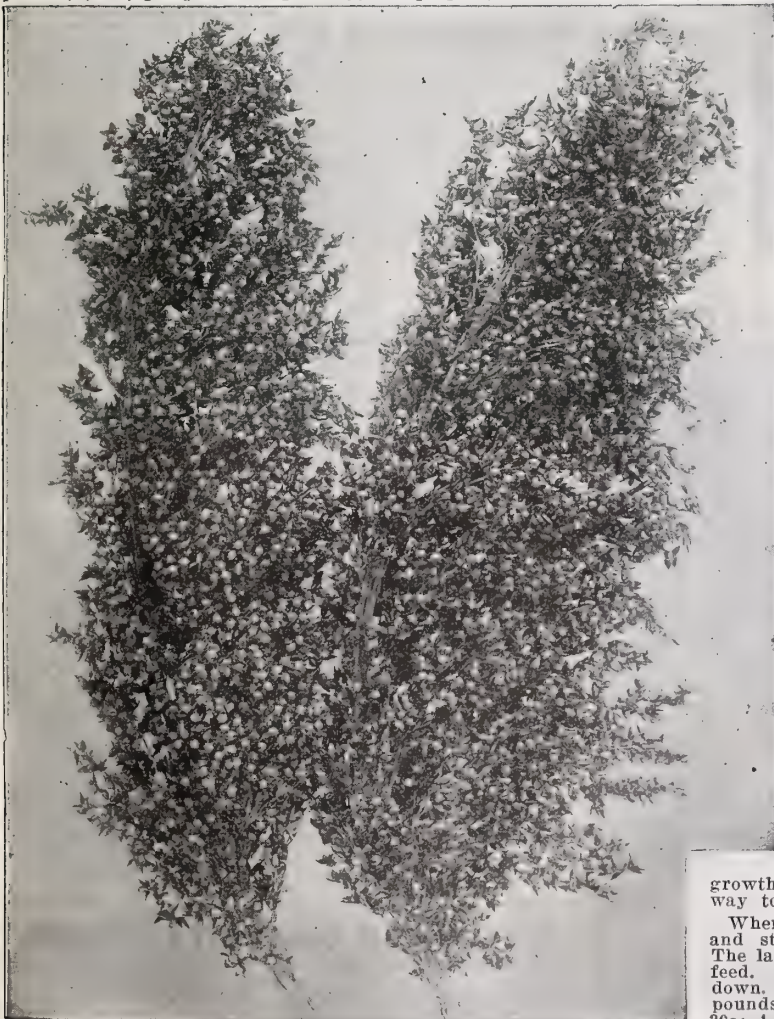
It is best to sow the seed rather thinly in rows three to four feet apart, leaving two or three plants to every three feet of row. If planted in small patches only, it is best to plant near enough to the chicken houses so chickens can range, feeding on the seeds as they fall in the patch.

One of our Cuban friends has recently called our attention to another value of this splendid plant. In the days of high-priced wheat flour and the necessity of making it go as far as possible through mixing it, desirable adulterants were at a premium. This Cuban experiment showed that finely ground Chicken Corn or Shallu mixed with wheat flour in proportions of three parts of flour to one of Chicken Corn was far more satisfactory than other ingredients.

Referring again to its value as poultry feed there are large sections of the South that are buyers instead of growers and sellers of poultry. This is due to both a lack of home-grown feed and the necessarily high cost of bought poultry feed.

This White Seeded Chicken Corn with its ease of growth, sureness of crop, and heavy yields will go a long way towards solving the poultry feed problem.

Where large quantities are grown, heads should be cut and stored like Sorghum or Kaffir Corn for winter feed. The large leafy stalks can also be cut, as they make excellent feed. Growing Chicken Corn will cut your feed bills away down. It's the cheapest and best feed you can get. Plant 8 pounds per acre in rows 3½ to 4 feet apart. **Packet, 10c; lb., 30c; 4 lbs., \$1.00; postpaid.** Not prepaid: 10 pounds or over, about 15 cents per pound. Write for quantity prices.



Two Average Heads of Chicken Corn Grown in Georgia



Genuine Pearl or Cattail Millet (Pencillaria)

PLANT PLENTY OF MONEY SAVING CROPS



Golden (Formerly German) Millet From Our Tennessee Grown Seed

Pearl or Cattail Millet (No. 619) Best known and most valuable of all green forage plants in the South. For the past nine or ten years sensational seedsmen have sold this as a new plant under the name of "Pencillaria" and "Mand's Wonder Forage Plant". Pencillaria or Cattail Millet needs no introduction to any of the older residents of the South. Its great value is well known. Greatest and best yielder of green forage and continues to grow and produce through the entire season if cut frequently enough to prevent its going to seed. Our illustration on this page shows the heavy growth of Pearl Millet. In actual field tests made some years ago on heavily manured ground it made green forage at the rate of 95 tons per acre in 135 days. No other forage plant has ever come up to that record. A tropical plant making an enormous growth all through our long Southern summer. Relished by all kinds of stock and they eat it greedily. No plant will go further towards solving the forage problem in the South than Pearl Millet. It ought to be grown on your farm. Sow thinly in rows 3 feet apart at the rate of 8 to 10 pounds per acre. Packet, 10 cents; pound, 35 cents; postpaid. In 10-pound lots, not prepaid, about 15 cents per pound. Write for our quantity prices when ready to buy.

Our Tennessee Grown Golden Millet (No. 618)

(Formerly German Millet)—We have said considerable in the past about the importance of Southern grown seed being necessary for a successful crop of Golden Millet in the South. We give below a reproduction from a photograph of a crop from our Tennessee seed. Is it not worth 25c or so more per bushel to sow seed that will make a crop like this? Golden Millet is an important and nutritious hay crop, largely grown throughout the South, relished by horses and cattle. Seed thickly, not less than one bushel per acre, any time from the middle of May through July, but not too early, because it does not grow off nicely until the soil and weather get warm. It matures in from six to eight weeks after seeding. Cut while in bloom, before the seed hardens in the head, as after that the hay quality decreases. There are two necessities for a successful crop of Golden Millet—first, rich or highly manured ground; second, Southern grown seed, that from Tennessee being the best. Pound, postpaid, 30c. Not prepaid: 10-pound lots, about 8 cents per pound. Subject to market change. Write for quantity prices when ready to buy.

Japanese Buckwheat (No. 615) Should be more generally grown in the South for poultry feed. It is well adapted and may be sown in very early spring or late summer, maturing in about two months. It is easily grown, desirable, and profitable for large grain yields, flower food for bees, and turned under it is a good soil improver. Where weeds are thick, buckwheat will smother them and put the soil in good condition for the crops that follow. Buckwheat makes a fine quality of flour, the kind that goes into the famous "Buckwheat Cakes." It's great for poultry feed. Pound, postpaid, 25 cents. Not prepaid, 10-lb. lots, about 10 cents per pound. Write for prices.

Bene (No. 632) Tall annual herb, about 3 feet high, producing flowers followed by seed pods which shatter the oily seeds in great profusion. These seeds are relished by poultry and a great use at present is a crop to attract and feed wild birds, especially quail and partridges. The oil from the seed is sweet, and, like olive oil, is used on salads and for other culinary purposes. The parched seeds are used in confectionery. This is one of the finest plants ever grown for poultry feed. Try it this year. Drill seed in rows 3 feet apart, as soon as frost danger is past, at rate of 5 pounds per acre. Packet, 5 cents; ounce, 15 cents; ¼ pound, 35 cents; pound, \$1.00; postpaid. Write for quantity prices.

Upland Rice (No. 582) You can grow rice on upland as well as on the flooded lowlands, any ground having a reasonable amount of moisture making fair crops. If you haven't tried rice before, do so this year and see for yourself that it will make 20 to 40 bushels per acre. Pound, postpaid, 30 cents. In 10-pound lots or over, not prepaid, 10 cents per pound. Write for special prices on large quantities.

Mammoth Russian Sunflower (No. 621) Every farm in the South ought to grow Sunflowers for the seed. No farm where poultry is raised can afford to be without them. The yield on fairly good land is immense, 125 bushels per acre being nothing unusual, and as a poultry feed to give rapid growth and fine glossy plumage, there is nothing that equals it. As an egg-producing food, nothing can be better. When we say that a sunflower crop is profitable, we mean the Mammoth Russian, which produces three to four times as much seed as the common varieties. Packet, 10 cents; pound, 30c; postpaid. Ten pounds, or over, not prepaid, about 15 cents per pound. Write.

Teosinte (No. 622) Mammoth forage plant; undoubtedly one of the most valuable for the South to be used in a green state. The yield is simply enormous and can be cut all through the summer and until frost. We were assured by the late C. A. Bacon, of Ormond, Florida, several years ago, that this remarkable plant grew at the rate of 5 inches per day on his place. Ounce, 10 cents; ¼ pound, 30 cents; pound, \$1.00; postpaid. Write.

WRITE FOR QUANTITY PRICES

We sell field seeds according to market prices the day you buy. As soon as you are ready to buy, write us what you want and we will quote lowest prices and give freight or express rates to your station. Use Special Quotation Sheet in back of catalog for our best prices.

Insecticides—Supplies—Cultures

There are two kinds of insects that attack your garden, shrubs, flowers and trees. "Biting Insects" chew up the foliage and to kill them use a stomach poison: Bug Death or Stonecypher's. "Sucking Insects" suck the plant juices until plants wither and die and to kill them as a contact poison: Bug Death Alpha, Whale Oil Soap and Tobacco. For a combination Fungicide and Insecticide, against fungus growth and insects, use Bug Death Alpha. All these insecticides can be sent by mail except Stonecypher's.

BUG DEATH Bug Death kills the bugs and at the same time does not injure the plant or its regular growth as does Paris Green, London Purple, Arsenate of Lead or the dozen or more forms of arsenical poisons that are offered as "bug-killers." Bug Death is the only general insecticide known that is effective on bugs and is at the same time harmless to both plants and animals. It's sure death to leaf-eating bugs.

Keep "Bug Death" on hand at all times. Order it now.
POSTPAID PRICES ON BUG DEATH—Pound, 35 cents; 3 pounds, 70 cents; 5 pounds, \$1.00; 12½ pounds, \$2.00. By Express or Freight, not prepaid: Pound, 20 cents; 3 pounds, 45 cents; 5 pounds, 60 cents; 12½ pounds, \$1.25; 100-pound keg, \$8.50.

Stonecypher's Potato Bug Killer This stomach poison will kill all leaf-eating insects. Bugs are often disastrous to Irish Potatoes, Squash, Cucumbers, Cantaloupes and Tomatoes and for use in the home garden as well as for truck gardens we recommend Stonecypher's Potato Bug Killer to kill these bugs. This insecticide is stronger and more effective than Bug Death and it does not injure even the tender plants unless applied too thickly. It is in powder form and comes in a cylinder shaker can, very handy to use. No duster, sifter or pump is needed as the shaker top of the container makes a duster of it. Price by express, not prepaid, \$2.40 per dozen cans.

Stonecypher's is an arsenical poison and so cannot be sent by mail but it is continually needed wherever there are bugs. Order a dozen cans by express to keep on hand or with your neighbors. This is the cheapest wholesale price, what the dealer pays, and we shall be glad to furnish dealers as well as our customers at this same price. Save \$1.80 a dozen by buying direct from us.

Whale Oil Soap Genuine Whale Oil Soap with Tobacco Powder. This mixture combines the values of both, effective against San Jose Scale, Oyster Shell Scale, Aphids, most Plant Lice and Spiders and other sucking insects on trees, shrubs, plants, vines, rose bushes, etc. **Pound box, 35 cents; postpaid.**

Tobacco Dust Powdered tobacco is a standard insecticide, often used in conjunction with Whale Oil Soap and Bordeaux mixtures. The striped cucumber

(squash and melon) beetle and flea-beetle are repelled with this insecticide. **Pound box with directions, 25 cents; postpaid.**

Bug Death Alpha Bug Death is to use against "biting insects" and Bug Death Alpha likewise conquers the "sucking insects." It is free from arsenic; safe for bees, birds, chickens, animals and consumers. For sucking insects, lice, aphids, flea beetles, currant worms and fungus attacks, this preparation does the work. Use it in the garden, on the flowers, on shrubs, in the orchard and on the shade trees. It's an all round good insecticide and also a fungicide. **Package (12 oz.), 35 cents; 10 pounds, \$2.00; postpaid. Not prepaid: 10 pounds, \$1.40; 80-pound keg, \$8.75; 150-pound keg, \$16.00.**

STIM-UP-PLANT

PLANT TABLETS—The most modern, efficient and scientific method of fertilizing growing plants. It is plant food in tablet form, containing 11% nitrogen, 12% phosphoric acid and 15% potash. Stim-U-plant tablets are the richest plant food sold highly concentrated, immediately available forms of plant food for use in stimulating all fruit, flower, vegetable and ornamental plants. These plant tablets promote a luxuriant, vigorous growth of branch, leaf and flower. Try them on your house plants and they will become strong and healthy. Complete directions with package. **Trial size, 15 cents; small size, 25 cents; medium size (109 tablets), 75 cents; large size (1,000 tablets), \$3.50; postpaid.**

StimUplant
 Makes a
 Wonder Garden

"Acres-an-Hour" Sifter For distributing insecticides in powdered form. Applies powders evenly and easily, with little or no waste. Ready to use at any time. **Each, 75 cents; postpaid.**

Dickey Duster For those who only want a small distributor for dry or powdered insecticides and fungicides we have Dickey Dusters. They are fine for those with only small gardens or a few plants to dust. **Price, 50c; postpaid.**

Cyclone Seed Sower The hand sower that scatters evenly, thoroughly and easily. Use it with any seeds that can be sown broadcast—or with ground bone, ashes or fertilizers. A Cyclone will pay for itself in three or four hours' work. It gives absolutely even distribution and so will make three bushels do the work of four. The distributing wheel is strong and rigid, made of metal with no soldered joints. Everyone needs a hand seeder. **Price, \$2.50; postpaid.**

Farmogerm—Mulford Cultures

Making better crops at less cost for fertilizer ought to be the aim and object of every farmer and gardener. Inoculation will help do both. Remember, however, that these bacteria only act directly on what are known as leguminous crops; this includes all kinds of clover, beans, peas, alfalfa, vetches and peanuts. On these the bacteria can be applied with direct benefit—that is, it will make great deal larger crops per acre than you would otherwise get.

Our illustration shows how these bacteria act on the roots of leguminous plants such as just mentioned. The knobs or "nodules," as they are termed, are little storehouses of nitrogen, that costly element of plant food that these bacteria have gathered from the air. Some of this goes to feed the plant while growing, but the larger part remains stored on the roots. After the clover, peas, etc. have been harvested, these roots decay, leaving in the soil a store of nitrogen for succeeding crops. A good crop of any leguminous plant growing in soil deficient in nitrogen will, if the seed is inoculated, add to that soil available nitrogen equal to that found in 700 to 1000 pounds of nitrate of soda per acre, worth anywhere from \$30.00 to \$50.00. What's more is that the nitrates added by a leguminous crop stay in the soil much better than when applied in the form of nitrate of soda.

The use of these bacteria on leguminous crops means 50% to 100% more of that particular crop per acre, and it means a store of the highest priced element of plant food in your soil for succeeding crops. Isn't that worth while to you? It certainly is to us and these inoculating materials are used extensively on the Hastings' Plantation every year.

NOTE—There is a different kind of culture for each kind of legume, and you must tell what "kind of crop" you want to use it on when ordering. Culture for alfalfa, for example, is not good for any other crop.

We have Mulford Cultures and Farmogerm for the inoculation of Hastings' Mung Beans, Alfalfa, Crimson Clover, Sweet Clover, White Clover, Red Clover, Alsike Clover, Bur Clover, Cowpeas, Soy Beans, Peanuts, Vetch, Velvet Beans, Beggarweed, Lespedeza or Japan Clover, Sweet Peas, Garden Peas, Garden Beans, Lima Beans.

Farmogerm This was the first successful preparation of nitrogen-gathering bacteria ever put out and we have sold it for many years past with entire satisfaction to our customers. Farm-o-germ is prepared by the Earp Thomas Corporation of Long Island, who operate under a number of patents, including a special bottle with an air tube that keeps the bacteria active and alive for several years in the bottle. Also they use a very fine porous jelly in the bottle that holds more bacteria since they are given no food, their having to get their own food from the air. These cultures are absolutely reliable and are now within the price of all. **Price—1 acre size, \$1.00; 3 acre size, \$2.50; 12 acre size, \$9.00. Garden (¼ acre) size for Beans, Peas and Sweet Peas only, 50 cents; postpaid. Tell us what crop you want it for.**

Mulford Cultures These cultures of nitrogen-gathering bacteria are known all over the world, prepared by the H. K. Mulford Co., of Philadelphia, a concern with a world-wide good reputation and we have sold Mulford Cultures with entire satisfaction for many years to thousands of our customers. These bacteria are in air-tight bottles and guaranteed for a year. Absolutely reliable. **Price—1 acre size, \$1.50; 5 acre size, \$5.00; ¼ acre size, 75 cents. Small garden size for Beans, Peas and Sweet Peas, 35 cents; postpaid. Tell us what crop you want it for, sure.**



Seed Was Inoculated

SOUTHERN RURALIST

Head and shoulders above every other farm paper in the South stands the **Southern Ruralist**, that best of all practical common sense farm papers.

There are more than one hundred publications being mailed through the Atlanta post office and not a single one of them has the number of readers and the influence of the **Southern Ruralist**. The **Southern Ruralist** is "Supreme in the South".

The time has come when the successful farmer must read, keeping up with the new things in the agricultural world, developments and betterments of methods outside of his own immediate neighborhood.

The farmer who is to succeed in his line of business as other men succeed in other lines of business can no more afford to get along without one or more good farm papers than he can get along with an old style plow or cultivator when something that will do more work and better work is available.

Regardless of whether it be farming or merchandising or manufacturing, the men who are in it must know all they can if full measure of success is to be attained. The more information a person can get the better prepared he is to meet his problems.

We read the **Southern Ruralist** regularly. There is hardly an issue printed that doesn't carry some item of farm information that we can make use of on the Hastings Plantation and we are mighty glad to get it. We don't care a rap whether useful farm information comes to us through the **Southern Ruralist** or by word of mouth. The main thing is to get the information and be sure of its reliability.

Farming isn't what it used to be in the days of our fathers and

grandfathers. We have farm problems, plant diseases and insect pests that were unheard of in their day. If we are to succeed we must farm on a present day basis instead of on the father or grandfather basis. If we don't keep up with the changes we won't last long in the farming business.

You may think it strange that a whole page of this seed catalog is taken up with the merits of and special price offer of an agricultural paper. It is unusual, but the more our farmer friends read the good and practical ideas and put them in practice on the farms, the better crops at less cost they will produce. This makes a better farmer in every respect and a better seed buying customer of good seeds, the only kind fit to plant.

The farmer who reads and acts on the knowledge acquired will grow more diversified crops; he is a candidate to buy better seeds of better varieties. He will give the garden the attention its importance deserves and in time as he gets better fixed in a money way his wife will want and be willing and able to buy flower seeds and plants that we sell.

The Lord help the seedsmen who has to depend on the business he can get out of the exclusive cotton planting, "land skinning" farmer who can't see any further ahead than a supply merchant to run him, and who as a rule hasn't got the price of a nickel package of collard seed ahead in his pockets. The seedsmen depending on business from that kind of a non-reading farmer would go broke in short order.

We all need to read more and think more about what we read and in that reading we want to make the right start by reading the right kind of a farm paper.

Why Not Read the Best Farm Paper

This is an absolutely fair, common sense question. Why not? Why not read the best farm paper, one that is edited and printed for your particular section so that the farm information contained therein won't be misleading in any way?

When you begin to study about buying a new plow or cultivator you are not going to buy a plow for instance made for and adapted to Iowa prairie soil or Ohio or New York conditions alone. You are looking for a plow or cultivator to fit Georgia or Mississippi or some other Southern state as the case may be. That particular implement wants to be and must be adapted to your particular conditions. The plow that might just suit the Iowa and Ohio or New York man isn't what you want and would be more or less of a failure if you tried to use it on a different kind of soil than it was built to serve.

It is exactly the same way with farm papers. There are some splendid farm papers published further north. They are fine for the farmers in their particular sections but the conditions they serve are different from the ones you work under. You must have a farm paper edited and made up by men who know the South, know exactly the soil conditions you have, the problems of plant diseases and insect pests that you have to combat, the fertilizing problems, etc., the hundred and one things that the farmer of the South has to deal with which the farmer and farm paper editor of the North know little or nothing about.

We believe absolutely in the **Southern Ruralist**. We have seen it grow from a little four-page monthly with 500 circulation to a magnificent standing and influence, 24 to 64 pages each issue and going to over four hundred thousand farm families twice each month.

Such growth could only come from giving satisfaction to the readers, giving each year many times the value of the small amount spent for it.

Knowing the **Southern Ruralist** as well as we do enables us to sell it to you under the absolute guarantee of your money back if you are not satisfied. See this "money back" offer below. We have handled tens of thousands of subscriptions for the **Southern Ruralist** in this way and have yet to have a single subscriber ask for his money back.

Below will be found the special offer. Remember, Mr. C. A. Cobb, the editor, and Col. F. J. Merriam, President, as well as all Department Editors are thorough and practical farming men who know and come in practically daily contact with their own and many other farms.

It's a great paper, the best farm paper, the most practical farm paper in the South. The publishers are wide-awake, well-known, responsible agricultural men that you can rely on and you can't afford not to read the **Southern Ruralist** if you want the largest measure of success on your farm.

SPECIAL PRICE AND MONEY BACK OFFER

The regular subscription price of the **Southern Ruralist** is 50 cents per year, about 2 cents per copy. If sent in with your seed order we can have it sent to you for 25 cents; that is if you live in Georgia, Alabama, North or South Carolina, Florida, Mississippi or Tennessee. If you live in any other state the price is 50 cents per year. Foreign subscriptions are \$1.00 each per year. (This difference in price is due to the Zone System in calculating postage. In the 4th Parcel Post Zone the postage alone is about 48 cents a year or 2 cents per copy. You see from this that you are actually getting the **Southern Ruralist** free; all you are asked to do is to pay the postage and we will see that you get the magazine. West of Mississippi and north of Tennessee is the 4th zone or further and so we ask you for 50 cents to cover or partly cover the postage.)

We want every Hastings' seed buying customer to be a reader of the **Southern Ruralist** because we know that you will find it worth while; know that if you read it and use the information, you will gain dollars for every cent spent for the paper. Let no one say "I can't afford it" for that tale won't go. About two pounds of cotton, about a peck of corn or a couple feeds of oats will pay for the **Southern Ruralist** for a year. On top of this we will guarantee that any time within three months we will refund the money paid and have your subscription stopped if you are not fully satisfied.

In this offer we guarantee full satisfaction and money back if you don't think it worth it. You need the **Ruralist**. Every issue of the twenty-four during the year you will find helpful. Through us you can buy it for 25 cents, with an absolute, positive guarantee of your money back if you are not fully satisfied at the end of three months. You can't get anywhere in this world a fairer, squarer offer than that. Just enclose 25 cents extra with your seed order for the **Ruralist** for one year. We will start it coming promptly.

Hastings' Special Quotation Sheet

Please Do Not Write in This Space

(S-1923)

PLEASE DO NOT WRITE IN THIS SPACE

H. G. HASTINGS CO., Atlanta, Ga.

Gentlemen: I want to know your lowest price on the list of seed I give you below. Please quote your best prices, and also let me know whether in your opinion the seed should be sent by Mail, Freight or Express, and also about what the cost of delivery will be. It is distinctly understood that in asking for this special quotation I am under no obligation to purchase same, and that this is entirely for my own information as to prices and Freight or Express rates.

Name

(If Mrs., kindly use husband's initials or given name, as Mrs. Sam B. Clark.)

P. O.

R. F. D. No.

Box No.

State

Express or Freight Office

(If Different from your Post Office)

QUANTITY	VARIETY	Leave This Space Blank	
FILL OUT THIS SHEET WITH THE ARTICLES YOU WANT PRICES ON, AND MAIL TO US; WE WILL MAKE YOU OUR BEST PRICES (WRITE THE NUMBER OF BUSHELS OR POUNDS HERE)	(Postpaid prices on garden seeds, plants and bulbs are distinctly stated in the catalog. Write us for quotations only on 5 lb. lots or over on garden seeds and 10 lb. lots or over on field seeds).		

LET US FIGURE ON YOUR WANTS

You can tell us just what quantity of field seeds and garden seeds (10 pound lots or over) you may need on this "Special Quotation Sheet." Market prices of seeds in quantity lots change almost daily, so we cannot make very many definite quantity prices in the catalog.

By sending us a list of the seeds you will need when you are ready to buy, we can give you our best prices on just the amount you want, and tell you just what it will cost laid down at your Freight or Express office. We can often save you money, and it will pay you well to take advantage of our special quotations.

Mail us a list of your needs on this sheet. We will quote you our best prices on Hastings' Reliable Seeds.

DO NOT USE THIS SHEET FOR FAMILY GARDEN LISTS

TEAR OFF ALONG THIS LINE

HASTINGS' SEEDS ORDER SHEET

Please do not write in above space

H. G. Hastings Co., Atlanta, Ga.

(S-23)

PLEASE DO NOT WRITE IN THIS SPACE

Gentlemen:—I am enclosing _____ for the following
seeds to be sent by _____

(State here if wanted by Mail, Express or Freight)

Name _____
(If Mrs., kindly use husband's initials or given name, as Mrs. Sam B. Clark)

P. O. _____

R. F. D. No. _____ Box No. _____ State _____

Express or Freight Office _____
(If different from your Post Office)

BEFORE ORDERING PLEASE READ DIRECTIONS FOR ORDERING IN THIS CATALOGUE ON PAGE 4

	NUMBER IN CATALOG	Quantity	Names of Seeds or Other Articles Wanted	PRICE	
				Dollars	Cents
PLEASE DO NOT WRITE IN THIS SPACE			1 YEAR'S SUBSCRIPTION TO THE SOUTHERN RURALIST ²⁴ NUMBERS 25 CENTS		
			East of Mississippi River, 25 cents; West of Mississippi, 50 cents		

Remember---No order too large or too small to send to HASTINGS'

TEAR OFF ALONG THIS LINE

Hastings' "Sunny South" Rose Collection 1923



SNOWFLAKE



GOLDEN OPHELIA



EDEL



COLUMBIA



WHITE MAMAN COCHET



RADIANCE



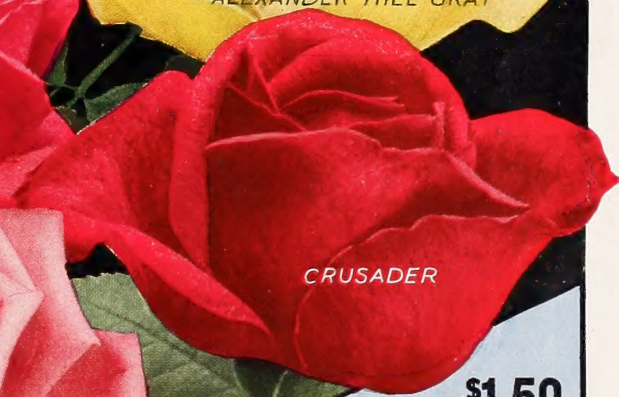
ALEXANDER HILL GRAY



LADY ROBERTS



RED RADIANCE



CRUSADER



FRANK W. DUNLAP



HELEN GOULD

\$1.50

**Everblooming
Rose Collection**

HASTINGS' 1923 SUNNY SOUTH

ROSE COLLECTION, 12 of the finest Ever-

blooming Roses in America, is well adapted to the

entire South. From growing several millions of Roses,

each year we select the finest and best varieties for our

Sunny South Rose Collection. This year especially it is an

exquisite collection as you see here illustrated in natural colors. See

page 76 for full description of these beautiful Roses.

12 ROSES: 3 Red, 3 Yellow, 3 Pink, and 3 White, postpaid for \$1.50

THE BEST BARGAIN IN ROSE-BUYING YOU CAN FIND

H. G. HASTINGS CO., - - Atlanta, Georgia



Hastings' 50c. Gladioli Collection

(See pictures above.) (1) Halley, salmon-pink. (2) Chicago White, white. (3) Empress of India, deep maroon. (4) Yellow Hammer, yellow. (5) America, soft lavender-pink. (6) Mrs. Francis King, light scarlet. One bulb of each of these six Gladioli, 50 cents, postpaid.

Hastings' \$1 Special Gladioli Collection

The "\$1 Special" contains the six above and also the new rich and beautiful (7) Mrs. Frank Pendleton, pink with blood-red blotches. (8) Schwaben, soft sulphur-yellow. (9) Baron J. Hulot, deep violet. (10) Panama, clear pink. (11) Prince of Wales, light golden salmon. (12) Princeps, scarlet-crimson. The 12 best Gladioli, all for \$1, postpaid. Order and plant early for earliest and largest blooms. Easily grown and every bulb blooms.

H. G. HASTINGS CO.
ATLANTA, GEORGIA